



# A-Tech Consulting, Inc.

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## LIMITED INDOOR AIR QUALITY ASSESSMENT

**Azusa High School**  
240 North Cerritos Avenue

City of Azusa  
County of Los Angeles  
State of California

Project Number: Atch-211886

August 6, 2021

PREPARED FOR:

**Azusa Unified School District**

**PRIVILEGED & CONFIDENTIAL**

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## **Cover**

## **INDOOR AIR QUALITY**

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Atch-211886  
Limited Indoor Air Quality Assessment  
240 North Cerritos Avenue  
Azusa, California 91702

August 6, 2021

Azusa Unified School District  
546 South Citrus Avenue  
Azusa, California 91702

Attn: Mr. Brian Allen

Re: Azusa High School  
240 North Cerritos Avenue, Various Areas  
Azusa, California 91702

Pursuant to your request, A-Tech Consulting, Inc. has completed a Limited Indoor Air Quality (IAQ) Assessment in various areas of Azusa High School located at 240 North Cerritos Avenue, in Azusa, California. The following report summarizes the findings of this assessment.

## **1.0 BACKGROUND**

From July 7, 2021 to June 9, 2021 and on June 23, 2021, Industrial Hygiene Technicians Krizia Kolakowski, Michael Fernandez and Matt Page, under the supervision of Certified Industrial Hygienist (CIH) Roosevelt Ward with A-Tech Consulting, Inc. performed a Limited Indoor Air Quality (IAQ) Assessment in various areas of the subject site. This assessment was performed due to concerns raised by occupants of Azusa High School regarding poor indoor air quality. These concerns were limited to the sixty-six (66) areas surveyed during this assessment: Classrooms 1 through 8, Classrooms 10 and 11, Classroom 110-112, Classroom 113-114, Classroom 115, Classrooms 120 through 125, Classrooms 131 through 133, Classroom 135, Classrooms 210 through 215, Classrooms 220 through 225, Classrooms 230 through 235, Classrooms 310 through 313, Classroom 315, Classroom 320 through 323, Classroom 325, Classroom 330/410, Classroom 331, Classroom 335, Classrooms 411 and 412, Classroom 415, Classroom 420/430, Classrooms 421 through 423, Classroom 425, Classrooms 431 through 433, Classroom 435 and the Library.

At the time of the assessment, the areas were inspected and samples were collected to assess a) inside temperature and relative humidity as indicators of comfort, b) carbon dioxide levels as indicator of air flow, c) carbon monoxide, d) HVAC filtration efficiency and e) fungal spore exposure in the work areas to determine the IAQ impact in the various areas of concern. This IAQ assessment was performed in accordance with the scope of services authorized by Mr. Brian Allen with the Azusa Unified School District.

## **2.0 METHODOLOGY**

As a precautionary measure, sampling of relative humidity (RH), temperature (T), carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), particle distribution and airborne fungal distribution was performed at the subject site to ensure that levels are within acceptable parameters for occupancy.

Continuous datalogged sampling was performed at stationary locations at approximate breathing zone height. The following table details the parameters monitored, sampling intervals and sampling durations of the two (2) continuous datalogging units used in this assessment:

<u>Unit</u>	<u>Parameter(s)</u>	<u>Interval (seconds)</u>	<u>Sampling Duration (min)</u>
TSI 7545 IAQCalc	Temperature Relative Humidity CO <sub>2</sub> CO	5	10
ThermoScientific pDR1500	Aerosols	60	10

In addition, exterior continuous measurements were taken by each instrument upwind of the building or by HVAC exterior air intakes, for comparison.

## 2.1 Carbon Dioxide (CO<sub>2</sub>), Carbon Monoxide (CO), Air Temperature and Relative Humidity

Carbon dioxide (CO<sub>2</sub>), carbon monoxide (CO), air temperature and relative humidity were recorded using a TSI Model 7545 IAQCalc unit. Calibration on the IAQCalc unit was performed on December 21, 2020. Measurement ranges, accuracy and resolution for CO<sub>2</sub>, CO, air temperature and relative humidity can be found in the following table.

<u>Parameter</u>	<u>Range</u>	<u>Accuracy</u>	<u>Resolution</u>
Carbon Dioxide (CO <sub>2</sub> )	0 to 5,000 ppm	±3% or ±50ppm (whichever is greater)	1 ppm
Carbon Monoxide (CO)	0 to 500 ppm	±3% or ±3ppm (whichever is greater)	0.1 ppm
Air Temperature	32 to 140°F	±1.0°F	0.1° F
Relative Humidity	5.0 to 95.0%	±3.0%	0.1%

The results can be found on the attached tables. Carbon dioxide and carbon monoxide levels are reported in parts per million (ppm), air temperature in degrees Fahrenheit (°F) and relative humidity in percentages (%).

## 2.2 Aerosol Particle Concentration

Aerosol particle (respirable dust <4.0 µm in diameter) concentration was measured using a ThermoScientific pDR-1500 unit, along with an aluminum respirable dust cyclone. Calibration on the pDR-1500 unit was performed on December 7, 2020. Measurement range, accuracy and resolution for the aerosol monitor of the pDR1500 unit can be found in the following table.

<u>Parameter</u>	<u>Range</u>	<u>Accuracy</u>	<u>Resolution</u>
Aerosol	0.001 to 400 mg/m <sup>3</sup>	±5%	0.01 µg/m <sup>3</sup>

The results can be found on the attached tables. Aerosol concentration levels are reported in micrograms per cubic meter (µg/m<sup>3</sup>).

## 2.3 Non-Viable Mold Air Sampling

Air sampling was performed inside and outside of the subject building to characterize mold spore levels. The air sampling was performed using Air-O-Cell cassettes. High air volume air pump (Buck BioAire™ Bioaerosol sampling pump) was used to pull air through the cassettes for five (interior) to ten (exterior) minutes at flow rates of approximately 15 L/min. The cassette pump air sampling trains were calibrated before and after each use against a rotameter.

The sixty-eight (68) air samples were collected and submitted using chain-of-custody procedures to AIH Laboratory located at 2556 W. Woodland Drive, Anaheim, California 92801 for analysis of mold spores. This analytical method gives measured airborne levels of total (non-viable) mold spores in units of spores per cubic meter of air (spores/m<sup>3</sup>). This laboratory has been certified in environmental microbiology by the Laboratory Accreditation Program administered by the American Industrial Hygiene Association (AIHA) lab code #LAP-203769.

## 3.0 DISCUSSION

### 3.1 Indoor Air Quality

The substances sampled are commonly known indoor air quality contaminants of concern in nonindustrial environments. Currently, there are no regulations pertaining to indoor air quality. However, the limits recommended by ASHRAE (American Society of Heating, Refrigerating, and Air Conditioning Engineers), National Institute for Occupational Safety and Health (NIOSH), Cal-OSHA (California Occupation Safety and Health Administration), Regional Exposure Levels (REL) as established by the California Office of Environmental Health Hazard Assessment (OEHHA), California Ambient Air Quality Standard (CAAQS), Regional Screening Levels (RSLs) as established by the Environmental Protection Agency (EPA) and LEED (Leadership in Energy and Environmental Design) are used for the evaluations of IAQ concerns. Keep in mind, concentrations that are within the recommended limits do not ensure freedom from sensory irritation or from all adverse health effects for all occupants.

### 3.2 Mold

Currently, there are no regulations or guidelines that quantify acceptable or unacceptable levels of mold spore content in the air or on surfaces for either total mold spore count or mold spore count for individual genre. The current general industry standard of mold content in air samples states that "typically mold levels should be lower indoors than outdoors and similar in diversity of genera". In cases where the exterior samples are abnormally low or high for mold content (typical instances include where a day can be windy, raining or there is snow cover) the Certified Indoor Environmental Consultant (CIEC) reviews each sample analysis by genre and overall mold content and makes final determination of potential mold exposure and activity.

When collecting fungal species and spore counts there are no set exposure limits for the safe number of spores from a particular genus or species. Common practice is to compare the species and spore counts of the air samples collected indoors to those collected outdoors. All indoor air will contain some degree of mold with variations in species and spore counts. For indoor air quality to be considered "normal" the species present in the indoor air should be similar to those found in the exterior ambient air. There are two ways to interpret mold data.

1. The first is to compare the total spores per cubic meter (spores/m<sup>3</sup>) reported from the interior to the total spores/m<sup>3</sup> reported from the exterior. The total interior spore count should not exceed the total exterior spore count concentration by any excessive magnitudes.
2. The second is to compare the concentration of each spore type in exterior air to the indoor air samples. Each spore type should not exceed the exterior result for that genus/species of mold. In buildings without mold problems, the qualitative diversity of interior and exterior airborne fungi should be similar.

If remedial recommendations are provided, they will be based on a combined analysis of data including but not limited to, a review of the air and surface analytical results (as applicable), review of on-site conditions including building use, building history, moisture/water intrusion activity, visible water damage and/or mold conditions, length of water exposure, occupant health related symptoms (as applicable), and any other information obtained during the assessment combined with historical professional experience with similar projects. Fungal spores are present in almost all environments and do not proliferate indoors unless environmental requirements exist. Fungal activity varies by genre, with differing needs for light, dampness, consumables (building materials, food), and temperature. In general, fungi require air, moisture content above 15%, and cellulose-based materials such as wood, glue, paper products (drywall backing), carpet, clothing, etc.

## **4.0 ANALYTICAL RESULTS**

### 4.1 Air Flow and Carbon Dioxide (CO<sub>2</sub>) Levels

The National Institute for Occupational Safety and Health (NIOSH) has determined that the most common of indoor air quality complaints are related to inadequate ventilation. Building Heating, Ventilation and Air Conditioning (HVAC) systems need to function properly in order to control temperature, humidity, odor, and general air quality. Carbon dioxide levels are an indicator on whether adequate outside air is entering the building because building occupants produce carbon dioxide, water vapor, particulates, biological aerosols, and other contaminants during metabolic activities. CO<sub>2</sub> concentrations increase as a result of human occupancy and the lower the amount of outside air entering the room, the higher the CO<sub>2</sub> levels indoors.

The American Society of Heating, Refrigerating, and Air-Conditioning Engineers, Inc. (ASHRAE) Standard 62.1-2016: Ventilation for Acceptable Indoor Air Quality recommends that indoor CO<sub>2</sub> concentrations no greater than 700 parts per million (ppm) above exterior CO<sub>2</sub> concentrations will satisfy a substantial majority (about 80%) of occupants (assuming exterior supply rate of 15 cfm/person). Thus, to determine if CO<sub>2</sub> levels are a concern, a CO<sub>2</sub> differential is calculated by subtracting the average interior CO<sub>2</sub> concentration from the exterior CO<sub>2</sub> concentration for each inspected area of concern.

For all surveyed interior areas of concern, the average indoor carbon dioxide (CO<sub>2</sub>) levels **did not exceed** the carbon dioxide concentration of the exterior control sample by more than **700 ppm**. This indicates that indoor air quality concerns related to carbon dioxide are unlikely to exist in the areas inspected/tested. Please refer to the attached table (Appendix A) for detailed information on the sample results.

#### 4.2 Air Temperature

Based on the experience of A-Tech Consulting, Inc., the air temperatures perceived as comfortable by most persons in interior environments and recommended by ASHRAE (Standard 55-2017) for occupant comfort, range between 67° and 82°F.

In two (2) of the sixty-six (66) interior areas of concern surveyed during this assessment, the average air temperature recorded **was outside** the ASHRAE recommended comfort ranges. Based on the general guidelines of the ASHRAE Standard 55, which assumes typical conditions for types of clothing, air movement, radiant heat and other complex factors, the temperatures recorded in the following areas of concern were outside recommended ranges:

##### *Continuous Temperature Monitoring Measurements:*

<u>Sample Number</u>	<u>Sample Location</u>	<u>Average Temperature (°F)</u>
211885-I-0036	Classroom 315	84.5
211885-I-0058	Classroom 235	87.7

Average air temperatures recorded for the remaining interior areas of concern **were within** the ASHRAE recommended comfort ranges. Please refer to the attached table (Appendix A) for detailed information on the sample results.

#### 4.3 Relative Humidity

For all surveyed interior areas of concern, recorded average relative humidity levels **were within** the 20 - 65 percent relative humidity range recommended by ASHRAE (Standard 62.1-2016) for occupant comfort. This indicates that indoor air quality concerns related to humidity are unlikely to exist in the areas inspected/tested. Please refer to the attached table (Appendix A) for detailed information on the sample results. Note that A-Tech Consulting, Inc. recommends that the relative humidity in buildings not exceed 50 percent in order to limit the potential for fungal growth.

#### 4.4 Airborne Toxic, Flammable and Combustion Product Measurements (CO)

Carbon Monoxide is an indicator of a combustion by-product and is measured to confirm that no combustion sources are contained within, or are immediately adjacent to, the facility. It is frequently associated with headaches. Notable combustion sources include natural gas-fired furnaces, boilers, water heaters, cooking stoves or unvented combustion appliances as well as vehicular traffic, including all types of fossil-fueled industrial trucks. Depending on fuel sources present in interior locations, levels of carbon monoxide are normally less than exterior levels, unless a significant interior source exists. The Cal-OSHA 8-hour time weighted average Permissible Exposure Limit (PEL) for carbon monoxide is **25 ppm**. The OEHHA Regional Exposure Level (REL) for carbon monoxide is 31.2 ppm.

For all surveyed interior areas of concern, carbon monoxide was not detected, or was detected at low levels. These levels are **below** the Cal-OSHA PEL of **25 ppm** (8-hour time weighted average) and are less than common indoor levels (<4 ppm). This indicates that indoor air quality concerns related to carbon monoxide are unlikely to exist in the areas inspected/tested. Please refer to the attached table (Appendix A) for detailed information on the sample results.

#### 4.5 Airborne Particle Concentration

A mass concentration aerosol monitor was used to determine the air quality by quantifying the concentration of particles in the air. Inhalable airborne particulate matter (PM<sub>2.5</sub>) is defined by the EPA as fine particulate matter with aerodynamic diameters of 2.5µm or smaller. Ultrafine Particles (particles with aerodynamic diameters less than 1 µm) are the result of combustion by-products or chemical reactions, which can help indicate the presence of a substance or its source. Though there is no standard for airborne ultra-fine particles, it is expected to find lower amounts of particles interior versus exterior, due to the Heating Ventilation and Air Conditioning (HVAC) filtering mechanism.

There are currently no Federal government standards for PM<sub>2.5</sub> in indoor air environments. However, the Cal-OSHA 8-Hour Time Weighted Average Permissible Exposure Limits for total dust and the respirable fraction of total dust are 10 mg/m<sup>3</sup> and 5 mg/m<sup>3</sup> respectively.

For all surveyed interior areas of concern, the results of the continuous sampling indicated that average respirable particle concentrations **were lower** than 5 mg/m<sup>3</sup> (5,000 µg/m<sup>3</sup>), indicating an efficient HVAC filtering system. Please refer to the attached table (Appendix B) for detailed information on the sample results.

#### 4.6 Non-Viable Mold Air Sampling

Results for fungal air sampling are reported as spores per cubic meter (spores/m<sup>3</sup>), per industrial genre is identified. The individual results are then totaled into total spores per cubic meter (spores/m<sup>3</sup>). To determine if mold proliferation exists, counts of indicator spores are compared to counts present in the outdoor, exterior environments.

A total of sixty-eight (68) mold air samples were obtained during this assessment, including two (2) exterior samples. It was determined that two (2) interior samples had elevated levels of fungal growth. Spore counts presented in blue were spores found in the subject location but were not present in the control sample. Spore counts presented in red are higher than what was found in the control sample(s) and are considered elevated for the area tested.



Following the direct microscopic examination of the air samples obtained, the exterior samples and interior samples with elevated fungal counts are outlined as follows:

<u>Sample Number</u>	<u>Room/Area</u>	<u>Prominent Mold - Genre Level</u> <u>(spores/m<sup>3</sup>)</u>	<u>Total Mold Spores</u> <u>(spores/m<sup>3</sup>)</u>
211886-MA-0029	Classroom 234	Aspergillus/Penicillium - 600 Cladosporium - 280 Alternaria - 80 Ascospores - 80 Basidiospores - 40 Epicoccum - 40 Periconia, Myxomycetes, Smuts - 960 Oidium - 40	2,120
211886-MA-0033	Classroom 8	Aspergillus/Penicillium - 1,240 Cladosporium - 7,560 Ascospores - 200 Basidiospores - 200 Bipolaris - 120 Curvularia - 40 Epicoccum - 40 Periconia, Myxomycetes, Smuts - 440 Miscellaneous Spores - 80	9,920
211886-MA-0044	Exterior	Aspergillus/Penicillium - 1,880 Cladosporium - 1,300 Alternaria - 0 Ascospores - 80 Basidiospores - 280 Bipolaris - 0 Curvularia - 0 Epicoccum - 0 Periconia, Myxomycetes, Smuts - 20 Miscellaneous Spores - 0 Oidium - 20	3,580*
211886-MA-0068	Exterior	Aspergillus/Penicillium - 280 Cladosporium - 1,240 Alternaria - 20 Ascospores - 40 Basidiospores - 20 Bipolaris - 20 Curvularia - 0 Epicoccum - 0 Periconia, Myxomycetes, Smuts - 20 Ganoderma - 0 Miscellaneous Spores - 0 Oidium - 0	1,640*

**\*Note:** Total mold spore count reflects all genres detected in the exterior sample, including the genres not detected in the interior sample(s) obtained.

These results indicate elevated fungal counts in some interior areas compared to the exterior as noted in the above table. Interior mold air sample are considered elevated if the sample has both:

1. An interior mold genre count 20% greater than exterior levels, and
2. An interior mold genre count greater than 300 spores/m<sup>3</sup>

### *Periconia*

*Periconia* is a common outdoor fungus commonly found on stalks of grasses, herbaceous stems, dead leaves or leaf spots. They are found on soil, blackened and dead plants, and are associated with other fungi. *Periconia* is a potential allergen associated with hay fever and asthma effects.

### *Smuts*

*Smuts* are found on cereal crops, grasses, weeds, and other fungi. They are commonly associated a black powder-like substance that causes plant diseases. Exposure to *Smuts* can lead to allergies, such as hay fever and asthma.

### *Myxomycetes*

*Myxomycetes* are characterized as slime molds due to wet and dry spore phases. These funguslike organisms typically grow in cool, shady, moist locations and survive on decaying wood, leaves or other organic matter that retain large amounts of moisture. Exposure to *Myxomycetes* can lead to allergies, such as hay fever and asthma.

All fungal spore counts detected in the remaining interior samples were lower than the exterior control samples. Please refer to the attached Mold Air Sample Summary table (Appendix C) for detailed information on the sample results.

## 5.0 CONCLUSIONS

Based on this assessment and analytical data, it is A-Tech Consulting, Inc.'s professional opinion at the time of this assessment that there are two (2) areas of improvement in air quality in the assessed survey site.

### *Air Temperature*

Interior air temperatures **were outside** the American Society of Heating, Refrigeration, and Air-Conditioning Engineers (ASHRAE) standard recommended comfort ranges in the following areas of concern:

- Classroom 315
- Classroom 235

### *Mold*

Based on this limited industrial hygiene investigation for fungal activity and analytical results, elevated airborne fungal counts were present in the following interior area(s) when compared to the exterior:

- Classroom 234
- Classroom 8

Elevated interior mold levels could have originated from two sources:

- An indoor source such as moisture from high cellulose content material that was a result from water damage, water leaks, condensation, water infiltration, or flooding.
- An outdoor source that was inadvertently brought into the interior by occupants' shoes and clothing, house plants, trash, or method of transference the outdoors to the indoor space.

Based on this assessment and analytical data, it is A-Tech Consulting, Inc.'s professional opinion that at the time of the assessment, all remaining parameters sampled for indoor air quality were below or within acceptable limits. Following are the conclusions for these parameters:

- Relative humidity levels **were within** the recommended American Society of Heating, Refrigeration, and Air-Conditioning Engineers (ASHRAE) standard recommended ranges.
- Elevated levels of carbon monoxide **were not** detected by the continuous monitoring instrument utilized during this assessment.
- Carbon dioxide concentrations **were within** the recommended ranges, based on building occupancy.
- Particulate levels monitored indicate concentrations **less than** typical ambient exterior concentrations, and **less than** comparable Environmental Exposure Limits or Occupation Exposure Limits.

## 6.0 RECOMMENDATIONS

Based on the conditions at the time of the inspection and the analytical results, A-Tech submits the following recommendations for preventing and minimizing indoor air quality problems in the surveyed areas of concern:

1. In the area(s) of concern where indoor air temperature was outside of ASHRAE recommended comfort ranges:
  - a. Ensure that temperature control is in the range of 67-82°F.
2. In the interior area(s) of concern where elevated airborne fungal counts were present when compared to the exterior:
  - a. Perform additional housekeeping of the carpets or flooring, ventilation grills, and other exposed non-porous surfaces, such as shelving, desks, and tables. This could include vacuuming or wiping down any surfaces.
  - b. Perform air-scrubbing with HEPA filtration for 24 hours.
  - c. Remove any potential interior sources of mold such as house plants, trash, or soil.
  - d. After recommendations are completed, perform additional air monitoring of the spaces for mold.

If occupant concerns about indoor air quality persist, then it is recommended to increase the ventilation within the areas of concern. The HVAC systems that service the areas of concern should be regularly maintained and inspected to reduce the risk of air quality concerns. It is also recommended to check the HVAC filters to ensure that they are properly maintained and changed out according to the appropriate preventative maintenance schedule.

## 7.0 DEFINITIONS

- A) AIHA – The American Industrial Hygiene Association is a non-profit organization that works to provide resources and information to occupational health professionals to better protect worker health.
- B) ASHRAE – The American Society of Heating and Air-Conditioning Engineers is a global professional association seeking to advance heating, ventilation, air conditioning and refrigeration systems design and construction.
- C) Bioaerosols – A general term for particles of biological origins such as microbes, airborne organisms, and/or viable pathogenic aerosols.
- D) Cal-OSHA – The Division of Occupational Safety and Health (DOSH), better known as Cal-OSHA, protects and improves the health and safety of working men and women in California.
- E) EPA – The Environmental Protection Agency is an independent agency of the United States federal government for environmental protection.
- F) HVAC – refers to the different systems such as heating, ventilation and air conditioning which is used for moving air between indoor and exterior areas, along with heating and cooling both residential and commercial buildings.
- G) Indoor Air Quality Pollutants – refers to the air quality within and around building and structures, especially as it relates to the health and comfort of building occupants. Some of the common pollutants are carbon monoxide, formaldehyde, indoor particulate matter, volatile organic compounds, VOCs, radon, and biological contaminants such as dust, mites, and pollen.
- H) Optical Microscopy – Techniques used to magnify images of samples using visible light, often paired with illumination of the sample with polarized and reflected light.
- I) Particulate Matter (PM10 and PM 2.5) – PM10 is particulate matter 10 micrometers or less in diameter, PM 2.5 is particulate matter of 2.5 micrometers or less in diameter.
- J) Relative Humidity – The ratio of the amount of water vapor actually present in the air to the greatest amount possible at the same temperature.
- K) Volatile Organic Compounds (VOCs) – Emitted gasses from certain solids or liquids. VOCs include a variety of chemicals, some which may have short -and long-term adverse health effects.

## 8.0 LIMITATIONS

Keep in mind, the conclusions presented in this report are professional opinions based solely upon visual observations at the site and direct reading measurements, for the timeframe tested. They are intended exclusively for the purpose outlined herein, and for the site location and project indicated.

This report is intended for the sole use of the contracted client. The use or re-use of this document or the findings, conclusion or recommendations presented herein, by any other party or parties, is at the sole risk of said user.

Recognizing that even the most comprehensive inspection may fail to detect IAQ concerns at a particular site, this study was not intended to identify all potential IAQ pollutants present in the building or at the site for such reasons as (1) the possible existence of buried, covered and inaccessible areas and features; and (2) the limited number and type of samples collected.

No guarantee is expressed or implied that all IAQ concerns have been identified. A-Tech Consulting, Inc. assumes no responsibility for the identification of suspect and potential IAQ pollutants, which are concealed and/or inaccessible (i.e. locked rooms, etc.).

Services performed by A-Tech Consulting, Inc. were performed in a manner consistent with that of the care and skill ordinarily and currently exercised by members of the same profession that even the most comprehensive Scope of Services might fail to detect environmental liabilities on a particular site. Therefore, A-Tech Consulting, Inc. cannot act as insurers and cannot "certify" that a site is free of IAQ pollutant concentrations.

No expressed or implied representation or warranty is included or intended in our reports, except that our services were performed, within the limits prescribed by the scope of services, with the customary thoroughness and competence of our profession.

Information and opinions presented herein apply to the existing and reasonable foreseeable site conditions at the time of our investigation. They cannot necessarily apply to site changes of which this office is unaware and has not had the opportunity to review.

Changes in the conditions of this property may occur with time due to natural processes or works of man on the subject property or on adjacent properties. Changes in applicable standards may also occur as a result of legislation or the broadening of knowledge. Accordingly, the findings of this report may be invalidated, wholly or in part, by changes beyond our control.

A-Tech Consulting, Inc. trusts that the information presented herein provides the data you require. Should you have any questions or comments, please contact A-Tech Consulting, Inc.

Respectfully submitted,

A-TECH CONSULTING, INC.



Roosevelt Ward, CIH, CSP, QISP

CIH 11208 CP





## Continuous Air Temperature, Humidity, Carbon Dioxide and Carbon Monoxide Monitoring Measurements (TSI 7545 IAQCalc)

**Client Name:** Azusa Unified School District

**A-Tech Project Number:** 211885

**Location:** Slauson Middle School, 340 W 5th Street

<u>Sample Number</u>	<u>Start Time</u>	<u>End Time</u>	<u>Duration (min)</u>	<u>Sample Location</u>	<u>CO2 Concentration (ppm)</u>			<u>CO Concentration (ppm)</u>		<u>Temperature (°F)</u>			<u>Humidity (%)</u>		
					<u>Min.</u>	<u>Max.</u>	<u>Average</u>	<u>Max.</u>	<u>Average</u>	<u>Min.</u>	<u>Max.</u>	<u>Average</u>	<u>Min.</u>	<u>Max.</u>	<u>Average</u>
211885-I-0001	9:14 AM	9:24 AM	10	Classroom 1	446	481	456	0.3	0.0	70.7	72.2	71.1	54.8	59.0	55.9
211885-I-0002	9:58 AM	10:08 AM	10	Classroom 2	420	443	429	0.3	0.0	75.8	78.9	77.6	54.3	61.8	56.6
211885-I-0003	12:00 PM	12:10 PM	10	Classroom 10	486	519	497	0.2	0.0	76.1	78.7	77.4	40.6	46.1	42.8
211885-I-0004	12:13 PM	12:23 PM	10	Classroom 11	421	458	430	0.3	0.0	72.6	77.1	74.1	36.9	43.6	41.2
211885-I-0005	12:53 PM	1:03 PM	10	Classroom 110-112	424	469	435	0.5	0.1	80.1	83.9	81.0	41.7	49.2	46.7
211885-I-0006	1:04 PM	1:14 PM	10	Classroom 113-114	423	444	433	0.4	0.1	80.0	82.9	80.8	43.9	48.8	46.9

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					<u>CO2 Concentration (ppm)</u>			<u>CO Concentration (ppm)</u>		<u>Temperature (°F)</u>			<u>Humidity (%)</u>		
<u>Sample Number</u>	<u>Start Time</u>	<u>End Time</u>	<u>Duration (min)</u>	<u>Sample Location</u>	<u>Min.</u>	<u>Max.</u>	<u>Average</u>	<u>Max.</u>	<u>Average</u>	<u>Min.</u>	<u>Max.</u>	<u>Average</u>	<u>Min.</u>	<u>Max.</u>	<u>Average</u>
211885-I-0007	7:26 AM	7:36 AM	10	Classroom 115	442	471	451	0.6	0.2	72.5	76.5	75.1	59.4	68.0	62.4
211885-I-0008	7:53 AM	8:03 AM	10	Classroom 120	469	492	477	0.7	0.2	77.3	77.6	77.5	57.8	58.4	58.2
211885-I-0009	8:04 AM	8:14 AM	10	Classroom 121	427	450	434	0.5	0.1	76.3	78.7	78.0	53.8	56.6	54.8
211885-I-0010	8:15 AM	8:25 AM	10	Classroom 122	423	471	435	0.7	0.3	77.4	79.4	78.8	50.2	52.5	51.2
211885-I-0011	8:26 AM	8:36 AM	10	Classroom 123	421	467	430	0.7	0.2	77.5	78.2	77.9	53.1	54.8	54.1
211885-I-0012	8:38 AM	8:48 AM	10	Classroom 124	428	630	452	0.5	0.1	77.2	78.7	78.2	48	54.1	50.8
211885-I-0013	8:51 AM	9:01 AM	10	Classroom 125	429	460	442	0.8	0.2	66.2	75.1	70.0	53.0	69.5	63.9
211885-I-0014	9:13 AM	9:23 AM	10	Classroom 210	441	559	453	0.4	0.1	77.1	77.7	77.3	48.0	53.7	50.6



					<u>CO2 Concentration (ppm)</u>			<u>CO Concentration (ppm)</u>		<u>Temperature (°F)</u>			<u>Humidity (%)</u>		
<u>Sample Number</u>	<u>Start Time</u>	<u>End Time</u>	<u>Duration (min)</u>	<u>Sample Location</u>	<u>Min.</u>	<u>Max.</u>	<u>Average</u>	<u>Max.</u>	<u>Average</u>	<u>Min.</u>	<u>Max.</u>	<u>Average</u>	<u>Min.</u>	<u>Max.</u>	<u>Average</u>
211885-I-0015	9:24 AM	9:34 AM	10	Classroom 211	434	448	440	0.5	0.1	70.9	75.9	72.9	56.1	66.0	62.3
211885-I-0016	9:36 AM	9:46 AM	10	Classroom 212	471	498	482	0.3	0.1	71.2	72.7	72.1	53.3	58.4	53.3
211885-I-0017	9:53 AM	10:03 AM	10	Classroom 215	460	481	468	0.7	0.2	68.1	77.3	71.9	32.1	42.7	38.2
211885-I-0018	10:18 AM	10:28 AM	10	Classroom 131	580	687	678	0.3	0.1	76.3	77.0	76.5	54.3	57.7	54.9
211885-I-0019	10:33 AM	10:43 AM	10	Classroom 133	437	460	445	0.3	0.1	72.7	77.2	74.1	48.0	55.3	51.9
211885-I-0020	12:27 PM	12:37 PM	10	Classroom 220	440	472	451	0.5	0.1	70.6	77.3	72.4	53.8	60.5	56.3
211885-I-0021	12:38 PM	12:48 PM	10	Classroom 221	465	487	473	0.3	0.0	70.4	74.5	72.4	54.5	63.3	56.7
211885-I-0022	12:49 PM	12:59 PM	10	Classroom 222	486	571	516	0.3	0.0	75.7	81.4	79.0	50.1	61.5	54.0





					<u>CO2 Concentration (ppm)</u>			<u>CO Concentration (ppm)</u>		<u>Temperature (°F)</u>			<u>Humidity (%)</u>		
<u>Sample Number</u>	<u>Start Time</u>	<u>End Time</u>	<u>Duration (min)</u>	<u>Sample Location</u>	<u>Min.</u>	<u>Max.</u>	<u>Average</u>	<u>Max.</u>	<u>Average</u>	<u>Min.</u>	<u>Max.</u>	<u>Average</u>	<u>Min.</u>	<u>Max.</u>	<u>Average</u>
211885-I-0023	1:00 PM	1:10 PM	0:10	Classroom 223	439	494	452	0.5	0.1	72.3	80.8	75.9	49.3	57.6	55
211885-I-0024	7:35 AM	7:45 AM	0:10	Classroom 225	437	462	449	0.6	0.1	71.9	82.5	78.4	47.7	67.3	54.3
211885-I-0025	7:47 AM	7:57 AM	0:10	Classroom 135	436	451	441	0.6	0.1	71.9	73.9	73.3	42.6	47.0	43.7
211885-I-0026	8:13 AM	8:23 AM	0:10	Classroom 231	429	609	450	0.5	0.1	72.2	76.3	74.6	41.9	50.5	44.3
211885-I-0027	8:25 AM	8:35 AM	0:10	Classroom 232	453	482	463	0.7	0.2	66.8	73.8	69.5	41.2	46.0	43.9
211885-I-0028	8:36 AM	8:46 AM	0:10	Classroom 233	446	471	452	0.4	0.1	67.8	69.4	68.6	71.5	74.9	73.8
211885-I-0029	8:47 AM	9:57 AM	1:10	Classroom 234	446	459	452	0.5	0.1	69.1	70.8	69.8	54.5	56.9	55.4
211885-I-0030	9:19 AM	9:29 AM	0:10	Classroom 4	453	482	464	0.6	0.1	74.1	76.4	75.3	59.5	66.3	61.4



					<u>CO2 Concentration (ppm)</u>			<u>CO Concentration (ppm)</u>		<u>Temperature (°F)</u>			<u>Humidity (%)</u>		
<u>Sample Number</u>	<u>Start Time</u>	<u>End Time</u>	<u>Duration (min)</u>	<u>Sample Location</u>	<u>Min.</u>	<u>Max.</u>	<u>Average</u>	<u>Max.</u>	<u>Average</u>	<u>Min.</u>	<u>Max.</u>	<u>Average</u>	<u>Min.</u>	<u>Max.</u>	<u>Average</u>
211885-I-0031	9:21 AM	9:31 AM	0:10	Classroom 5	445	473	451	0.9	0.2	68.6	76.2	71.3	52.9	66.0	60.4
211885-I-0032	9:33 AM	9:43 AM	0:10	Classroom 7	434	828	489	0.7	0.2	75.3	79.9	77.9	47.3	59.6	52.0
211885-I-0033	9:45 AM	9:55 AM	0:10	Classroom 8	432	536	442	0.6	0.2	80	80.4	80.1	54.3	56.2	54.7
211885-I-0034	10:43 AM	10:53 AM	0:10	Classroom 310	462	527	472	0.6	0.1	72.9	77.8	76.7	52.4	73	57.4
211885-I-0035	12:10 PM	12:20 PM	0:10	Classroom 313	533	675	550	0.5	0.1	69.8	75.2	71.8	48.2	54.3	50.3
211885-I-0036	12:35 PM	12:45 PM	0:10	Classroom 315	424	464	436	0.4	0.0	82.8	86.2	84.5	44.2	49.9	46.6
211885-I-0037	1:07 PM	1:17 PM	0:10	Classroom 325	424	448	431	0.5	0.1	80.5	84.6	81.8	35.6	38.7	37.4
211885-I-0038	1:19 PM	1:29 PM	0:10	Classroom 323	425	456	439	0.6	0.2	68.2	83.3	75.1	43.5	60.1	54.7



					<u>CO2 Concentration (ppm)</u>			<u>CO Concentration (ppm)</u>		<u>Temperature (°F)</u>			<u>Humidity (%)</u>		
<u>Sample Number</u>	<u>Start Time</u>	<u>End Time</u>	<u>Duration (min)</u>	<u>Sample Location</u>	<u>Min.</u>	<u>Max.</u>	<u>Average</u>	<u>Max.</u>	<u>Average</u>	<u>Min.</u>	<u>Max.</u>	<u>Average</u>	<u>Min.</u>	<u>Max.</u>	<u>Average</u>
211885-I-0039	1:30 PM	1:40 PM	0:10	Classroom 322	566	668	586	0.5	0.1	66.3	67.4	66.8	54.2	69.3	61.9
211885-I-0040	1:48 PM	1:58 PM	0:10	Classroom 335	423	539	446	0.2	0.0	81	84.1	82.4	45.0	53.9	48.5
211885-I-0041	2:00 PM	2:10 PM	0:10	Classroom 331	448	519	457	0.5	0.0	72.5	81.8	75.9	37.0	51.6	44.9
211885-I-0042	2:12 PM	2:22 PM	0:10	Classroom 415	431	443	437	0.4	0.1	70.6	78.3	73.1	47.0	58.7	54.2
211885-I-0043	2:25 PM	2:35 PM	0:10	Classroom 425	439	513	446	0.2	0.0	71.6	74.9	72.9	58.0	62.3	58.0
211885-I-0044	7:32 AM	7:42 AM	0:10	Exterior	417	487	434	0.4	0.1	73	76.2	74.9	60.0	65.9	63.2
211885-I-0045	7:57 AM	8:07 AM	0:10	Classroom 420/430	445	526	480	2.0	0.7	81.1	85.8	82.3	37.0	42.8	41.1
211885-I-0046	8:17 AM	8:27 AM	0:10	Classroom 431	430	536	455	1.2	0.7	78.6	80.2	79.3	43.3	45.9	44.5



					<u>CO2 Concentration (ppm)</u>			<u>CO Concentration (ppm)</u>		<u>Temperature (°F)</u>			<u>Humidity (%)</u>		
<u>Sample Number</u>	<u>Start Time</u>	<u>End Time</u>	<u>Duration (min)</u>	<u>Sample Location</u>	<u>Min.</u>	<u>Max.</u>	<u>Average</u>	<u>Max.</u>	<u>Average</u>	<u>Min.</u>	<u>Max.</u>	<u>Average</u>	<u>Min.</u>	<u>Max.</u>	<u>Average</u>
211885-I-0047	8:30 AM	8:40 AM	0:10	Classroom 432	430	551	459	0.9	0.2	75.2	78.9	77.6	44.2	57.4	49.2
211885-I-0048	8:47 AM	8:57 AM	0:10	Classroom 433	414	478	425	0.4	0.1	78.6	81.1	80.1	43.1	46.5	44.7
211885-I-0049	9:06 AM	9:16 AM	0:10	Classroom 435	416	441	423	0.5	0.1	77.9	78.5	78.3	46.6	49.2	47.5
211885-I-0050	9:35 AM	9:45 AM	0:10	Classroom 422	434	542	446	0.8	0.3	73.7	78.8	76.6	39.9	43.1	41.3
211885-I-0051	9:48 AM	9:58 AM	0:10	Classroom 421	427	484	439	0.4	0.1	66.2	73.9	69.7	28.7	35	32.6
211885-I-0052	10:01 AM	10:11 AM	0:10	Classroom 411	433	472	440	0.3	0.0	71.6	78.4	75.9	54.7	69.5	59.0
211885-I-0053	10:21 AM	10:31 AM	0:10	Classroom 230	415	438	429	0.6	0.1	70.8	78.1	73.9	37.3	42.3	41.1
211885-I-0054	10:38 AM	10:48 AM	0:10	Library	447	466	452	0.7	0.1	74.9	77.5	77.1	45.9	52.8	47.0



					<u>CO2 Concentration (ppm)</u>			<u>CO Concentration (ppm)</u>		<u>Temperature (°F)</u>			<u>Humidity (%)</u>		
<u>Sample Number</u>	<u>Start Time</u>	<u>End Time</u>	<u>Duration (min)</u>	<u>Sample Location</u>	<u>Min.</u>	<u>Max.</u>	<u>Average</u>	<u>Max.</u>	<u>Average</u>	<u>Min.</u>	<u>Max.</u>	<u>Average</u>	<u>Min.</u>	<u>Max.</u>	<u>Average</u>
211885-I-0055	11:48 AM	11:58 AM	0:10	Classroom 320	412	460	436	1.7	0.3	71.4	84.9	75.7	34.7	61.1	54.0
211885-I-0056	12:09 PM	12:19 PM	0:10	Classroom 6	400	438	421	0.4	0.1	78.3	83.1	79.4	51.9	66.8	61.3
211885-I-0057	12:23 PM	12:33 PM	0:10	Classroom 2	421	471	436	0.7	0.2	80.7	83.4	81.5	31.3	35.2	34.0
211885-I-0058	12:46 PM	12:56 PM	0:10	Classroom 235	457	486	472	0.7	0.3	86.9	89.6	87.7	40	43.9	42.5
211885-I-0059	12:59 PM	1:09 PM	0:10	Classroom 213	423	471	443	1.2	0.2	70.6	74.6	80.7	38.7	52.1	48.6
211885-I-0060	1:13 PM	1:23 PM	0:10	Classroom 214	430	444	438	0.3	0.0	69.3	71.4	70.5	58.8	68.5	62.1
211885-I-0061	1:29 PM	1:39 PM	0:10	Classroom 132	422	446	431	0.4	0.1	71.8	73.9	73.0	63.5	71.1	66.2
211885-I-0062	1:58 PM	2:08 PM	0:10	Classroom 330/410	452	527	464	0.4	0.1	71.7	78.0	74.2	51.6	55.8	54.5



					<u>CO2 Concentration (ppm)</u>			<u>CO Concentration (ppm)</u>		<u>Temperature (°F)</u>			<u>Humidity (%)</u>		
<u>Sample Number</u>	<u>Start Time</u>	<u>End Time</u>	<u>Duration (min)</u>	<u>Sample Location</u>	<u>Min.</u>	<u>Max.</u>	<u>Average</u>	<u>Max.</u>	<u>Average</u>	<u>Min.</u>	<u>Max.</u>	<u>Average</u>	<u>Min.</u>	<u>Max.</u>	<u>Average</u>
211885-I-0063	2:12 PM	2:22 PM	0:10	Classroom 412	666	698	685	0.3	0.1	70.5	73.8	72.1	58.1	67.6	63.7
211885-I-0064	2:28 PM	2:38 PM	0:10	Classroom 423	483	522	499	0.4	0.1	66.5	70.9	68.4	55.6	57.1	56.4
211885-I-0065	2:41 PM	2:51 PM	0:10	Classroom 311	586	678	628	0.3	0.0	68.7	70.3	69.8	57.2	59.8	58.1
211885-I-0066	2:56 PM	3:06 PM	0:10	Classroom 321	617	682	658	0.5	0.1	65.0	70.3	67.0	52	54.9	52.6
211885-I-0067	3:09 PM	3:19 PM	0:10	Classroom 312	467	503	473	0.2	0.0	66.0	67.1	66.6	52.6	56.3	53.0
211885-I-0068	3:25 PM	3:35 PM	0:10	Exterior	360	577	417	3.2	0.5	81.0	105.8	98.5	25.3	69.5	34.0

**Legend:**

N/A = Not Applicable



## Continuous Aerosol Monitoring Measurements (ThermoScientific pDR1500)

**Client Name:** Azusa Unified School District

**A-Tech Project Number:** 211885

**Location:** Slauson Middle School, 340 W 5th Street

					<u>Aerosol Concentration (<math>\mu\text{g}/\text{m}^3</math>)</u>	
<u>Sample Number</u>	<u>Start Time</u>	<u>End Time</u>	<u>Duration (min)</u>	<u>Sample Location</u>	<u>Max.</u>	<u>Average</u>
211885-P-0001	9:14 AM	9:24 AM	10	Classroom 1	14.33	12.31
211885-P-0002	9:58 AM	10:08 AM	10	Classroom 2	10.53	9.89
211885-P-0003	12:00 PM	12:10 PM	10	Classroom 10	11.12	9.93
211885-P-0004	12:13 PM	12:23 PM	10	Classroom 11	15.77	15.27
211885-P-0005	12:53 PM	1:03 PM	10	Classroom 110-112	20.50	16.50
211885-P-0006	1:04 PM	1:14 PM	10	Classroom 113-114	56.8	15.25
211885-P-0007	7:26 AM	7:36 AM	10	Classroom 115	17.26	11.32
211885-P-0008	7:53 AM	8:03 AM	10	Classroom 120	14.87	13.54
211885-P-0009	8:04 AM	8:14 AM	10	Classroom 121	21.50	19.63
211885-P-0010	8:15 AM	8:25 AM	10	Classroom 122	19.11	17.10



					<u>Aerosol Concentration (<math>\mu\text{g}/\text{m}^3</math>)</u>	
<u>Sample Number</u>	<u>Start Time</u>	<u>End Time</u>	<u>Duration (min)</u>	<u>Sample Location</u>	<u>Max.</u>	<u>Average</u>
211885-P-0011	8:26 AM	8:36 AM	10	Classroom 123	16.5	12.72
211885-P-0012	8:38 AM	8:48 AM	10	Classroom 124	21.13	20.01
211885-P-0013	8:51 AM	9:01 AM	10	Classroom 125	8.90	8.22
211885-P-0014	9:13 AM	9:23 AM	10	Classroom 210	15.81	8.36
211885-P-0015	9:24 AM	9:34 AM	10	Classroom 211	10.68	7.85
211885-P-0016	9:36 AM	9:46 AM	10	Classroom 212	16.42	15.6
211885-P-0017	9:53 AM	10:03 AM	10	Classroom 215	6.99	6.30
211885-P-0018	10:18 AM	10:28 AM	10	Classroom 131	9.29	8.05
211885-P-0019	10:33 AM	10:43 AM	10	Classroom 133	19.12	18.09
211885-P-0020	12:27 PM	12:37 PM	10	Classroom 220	14.71	12.82
211885-P-0021	12:38 PM	12:48 PM	10	Classroom 221	22.63	13.07
211885-P-0022	12:49 PM	12:59 PM	10	Classroom 222	11.83	10.73





					<u>Aerosol Concentration (<math>\mu\text{g}/\text{m}^3</math>)</u>	
<u>Sample Number</u>	<u>Start Time</u>	<u>End Time</u>	<u>Duration (min)</u>	<u>Sample Location</u>	<u>Max.</u>	<u>Average</u>
211885-P-0023	1:00 PM	1:10 PM	10	Classroom 223	17.51	16.8
211885-P-0024	7:35 AM	7:45 AM	10	Classroom 225	24.68	23.48
211885-P-0025	7:47 AM	7:57 AM	10	Classroom 135	12.50	11.50
211885-P-0026	8:13 AM	8:23 AM	10	Classroom 231	8.88	6.85
211885-P-0027	8:25 AM	8:35 AM	10	Classroom 232	17.20	15.50
211885-P-0028	8:36 AM	8:46 AM	10	Classroom 233	9.78	7.54
211885-P-0029	8:47 AM	9:57 AM	70	Classroom 234	14.49	12.8
211885-P-0030	9:19 AM	9:29 AM	10	Classroom 4	26.07	24.44
211885-P-0031	9:21 AM	9:31 AM	10	Classroom 5	23.37	21.89
211885-P-0032	9:33 AM	9:43 AM	10	Classroom 7	18.72	17.68
211885-P-0033	9:45 AM	9:55 AM	10	Classroom 8	27.31	26.15
211885-P-0034	10:43 AM	10:53 AM	10	Classroom 310	15.28	11.88



					<u>Aerosol Concentration (<math>\mu\text{g}/\text{m}^3</math>)</u>	
<u>Sample Number</u>	<u>Start Time</u>	<u>End Time</u>	<u>Duration (min)</u>	<u>Sample Location</u>	<u>Max.</u>	<u>Average</u>
211885-P-0035	12:10 PM	12:20 PM	10	Classroom 313	19.54	15.51
211885-P-0036	12:35 PM	12:42 PM	07	Classroom 315	18.08	17.10
211885-P-0037	1:07 PM	1:17 PM	10	Classroom 325	13.68	12.81
211885-P-0038	1:19 PM	1:29 PM	10	Classroom 323	14.57	13.78
211885-P-0039	1:30 PM	1:40 PM	10	Classroom 322	8.89	7.93
211885-P-0040	1:48 PM	1:58 PM	10	Classroom 335	12.49	12.03
211885-P-0041	2:00 PM	2:10 PM	10	Classroom 331	6.18	5.12
211885-P-0042	2:12 PM	2:22 PM	10	Classroom 415	14.73	14.32
211885-P-0043	2:25 PM	2:35 PM	10	Classroom 425	17.71	16.61
211885-P-0044	7:30 AM	7:40 AM	10	Exterior	31.98	28.40
211885-P-0045	7:57 AM	8:07 AM	10	Classroom 420/430	12.47	11.75
211885-P-0046	8:17 AM	8:27 AM	10	Classroom 431	29.71	13.28



					<u>Aerosol Concentration (<math>\mu\text{g}/\text{m}^3</math>)</u>	
<u>Sample Number</u>	<u>Start Time</u>	<u>End Time</u>	<u>Duration (min)</u>	<u>Sample Location</u>	<u>Max.</u>	<u>Average</u>
211885-P-0047	8:30 AM	8:40 AM	10	Classroom 432	12.63	10.8
211885-P-0048	8:47 AM	8:57 AM	10	Classroom 433	418.78	16.62
211885-P-0049	9:06 AM	9:16 AM	10	Classroom 435	17.25	11.86
211885-P-0050	9:35 AM	9:45 AM	10	Classroom 422	35.52	18.52
211885-P-0051	9:48 AM	9:58 AM	10	Classroom 421	25.64	13.69
211885-P-0052	10:02 AM	10:12 AM	10	Classroom 411	8.96	7.22
211885-P-0053	10:21 AM	10:31 AM	10	Classroom 230	14.37	13.76
211885-P-0054	10:38 AM	10:48 AM	10	Library	15.31	13.58
211885-P-0055	11:48 AM	11:58 AM	10	Classroom 320	14.22	11.83
211885-P-0056	12:09 PM	12:19 PM	10	Classroom 6	30.17	20.09
211885-P-0057	12:23 PM	12:33 PM	10	Classroom 2	16.35	13.77
211885-P-0058	12:46 PM	12:56 PM	10	Classroom 235	28.57	22.79



					<u>Aerosol Concentration (<math>\mu\text{g}/\text{m}^3</math>)</u>	
<u>Sample Number</u>	<u>Start Time</u>	<u>End Time</u>	<u>Duration (min)</u>	<u>Sample Location</u>	<u>Max.</u>	<u>Average</u>
211885-P-0059	12:59 PM	1:09 PM	10	Classroom 213	16.06	13.78
211885-P-0060	1:13 PM	1:23 PM	10	Classroom 214	13.38	12.80
211885-P-0061	1:29 PM	1:39 PM	10	Classroom 132	21.33	16.75
211885-P-0062	1:58 PM	2:08 PM	10	Classroom 330/410	259.12	39.09
211885-P-0063	2:12 PM	2:22 PM	10	Classroom 412	7.86	5.38
211885-P-0064	2:28 PM	2:38 PM	10	Classroom 423	13.85	12.73
211885-P-0065	2:41 PM	2:51 PM	10	Classroom 311	18.58	16.61
211885-P-0066	2:56 PM	3:06 PM	10	Classroom 321	16.38	14.05
211885-P-0067	3:09 PM	3:19 PM	10	Classroom 312	13.99	13.27

**Legend:**

N/A = Not Applicable



## Mold Air Sample Summary

**Location:** Azusa High School, 240 North Cerritos Avenue**Client Name:** Azusa Unified School District

<u>Sample Number</u>	<u>Sample Date &amp; Time</u>	<u>Sample Location</u>	<u>Sample Description</u>	<u>Sampling Time</u>	<u>Liters Per Min</u>	<u>Temp./Humidity</u>	<u>Prominent Mold - Genre Level (spores/m<sup>3</sup>)</u>	<u>Total Mold Spores (spores/m<sup>3</sup>)</u>
211886-MA-0001	7/13/2021 10:10 AM	Classroom 1	Background	5 Min.	15	73.0 °F / 51.6%	Aspergillus/Penicillium - 480 Cladosporium - 160 Basidiospores - 40 Periconia, Myxomycetes, Smuts - 200	880
211886-MA-0002	7/13/2021 10:11 AM	Classroom 3	Background	5 Min.	15	79.0 °F / 38.4%	Aspergillus/Penicillium - 200 Cladosporium - 80 Alternaria - 40 Ascospores - 80 Bipolaris - 40 Periconia, Myxomycetes, Smuts - 280	720
211886-MA-0003	7/13/2021 10:12 AM	Classroom 10	Background	5 Min.	15	77.0 °F / 32.5%	Aspergillus/Penicillium - 120 Cladosporium - 120 Ascospores - 40 Bipolaris - 40 Miscellaneous Spores - 40	360
211886-MA-0004	7/13/2021 10:12 AM	Classroom 11	Background	5 Min.	15	75.7 °F / 27.8%	Aspergillus/Penicillium - 360 Cladosporium - 120 Basidiospores - 40	520
211886-MA-0005	7/13/2021 10:13 AM	Classroom 110-112	Background	5 Min.	15	81.6 °F / 31.5%	Aspergillus/Penicillium - 160 Cladosporium - 200 Epicoccum - 40 Periconia, Myxomycetes, Smuts - 80	480



<u>Sample Number</u>	<u>Sample Date &amp; Time</u>	<u>Sample Location</u>	<u>Sample Description</u>	<u>Sampling Time</u>	<u>Liters Per Min</u>	<u>Temp./Humidity</u>	<u>Prominent Mold - Genre Level (spores/m<sup>3</sup>)</u>	<u>Total Mold Spores (spores/m<sup>3</sup>)</u>
211886-MA-0006	7/13/2021 10:35 AM	Classroom 113-114	Background	5 Min.	15	80.6 °F / 32.8%	Aspergillus/Penicillium - 600 Cladosporium - 160 Ascospores - 80 Basidiospores - 40 Bipolaris - 40 Periconia, Myxomycetes, Smuts - 120 Stemphylium - 40	1,080
211886-MA-0007	7/13/2021 10:36 AM	Classroom 115	Background	5 Min.	15	83.0 °F / 31.5%	Aspergillus/Penicillium - 280 Cladosporium - 40	320
211886-MA-0008	7/13/2021 10:37 AM	Classroom 120	Background	5 Min.	15	78.8 °F / 39.1%	Aspergillus/Penicillium - 440 Cladosporium - 160 Alternaria - 40 Basidiospores - 40 Periconia, Myxomycetes, Smuts - 40	720
211886-MA-0009	7/13/2021 10:37 AM	Classroom 121	Background	5 Min.	15	75.7 °F / 44.6%	Aspergillus/Penicillium - 240 Cladosporium - 40 Basidiospores - 40 Periconia, Myxomycetes, Smuts - 240	560
211886-MA-0010	7/13/2021 10:59 AM	Classroom 122	Background	5 Min.	15	78.8 °F / 37.9%	Aspergillus/Penicillium - 320 Cladosporium - 160 Periconia, Myxomycetes, Smuts - 80 Miscellaneous Spores - 40	600
211886-MA-0011	7/13/2021 11:00 AM	Classroom 123	Background	5 Min.	15	76.9 °F / 41.0%	Aspergillus/Penicillium - 200 Periconia, Myxomycetes, Smuts - 40	240



<u>Sample Number</u>	<u>Sample Date &amp; Time</u>	<u>Sample Location</u>	<u>Sample Description</u>	<u>Sampling Time</u>	<u>Liters Per Min</u>	<u>Temp./Humidity</u>	<u>Prominent Mold - Genre Level (spores/m<sup>3</sup>)</u>	<u>Total Mold Spores (spores/m<sup>3</sup>)</u>
211886-MA-0012	7/13/2021 11:02 AM	Classroom 124	Background	5 Min.	15	77.1 °F / 36.9%	Aspergillus/Penicillium - 280 Cladosporium - 80 Ascospores - 40 Basidiospores - 80 Periconia, Myxomycetes, Smuts - 80	560
211886-MA-0013	7/13/2021 11:02 AM	Classroom 125	Background	5 Min.	15	71.2 °F / 44.8%	Aspergillus/Penicillium - 120	120
211886-MA-0014	7/13/2021 11:04 AM	Classroom 210	Background	5 Min.	15	78.9 °F / 32.7%	Aspergillus/Penicillium - 1,720 Cladosporium - 120 Basidiospores - 40	1,880
211886-MA-0015	7/13/2021 11:12 AM	Classroom 211	Background	5 Min.	15	69.4 °F / 50.0%	Aspergillus/Penicillium - 640 Cladosporium - 40 Bipolaris - 80	760
211886-MA-0016	7/13/2021 11:13 AM	Classroom 212	Background	5 Min.	15	74.8 °F / 35.8%	Aspergillus/Penicillium - 560 Cladosporium - 320 Alternaria - 40 Basidiospores - 80 Periconia, Myxomycetes, Smuts - 160 Miscellaneous Spores - 40	1,200
211886-MA-0017	7/13/2021 11:14 AM	Classroom 215	Background	5 Min.	15	71.0 °F / 27.7%	Aspergillus/Penicillium - 400 Basidiospores - 120 Periconia, Myxomycetes, Smuts - 160	680
211886-MA-0018	7/13/2021 11:15 AM	Classroom 131	Background	5 Min.	15	77.0 °F / 40.6%	Aspergillus/Penicillium - 760 Cladosporium - 160 Basidiospores - 40 Periconia, Myxomycetes, Smuts - 160	1,120



<u>Sample Number</u>	<u>Sample Date &amp; Time</u>	<u>Sample Location</u>	<u>Sample Description</u>	<u>Sampling Time</u>	<u>Liters Per Min</u>	<u>Temp./Humidity</u>	<u>Prominent Mold - Genre Level (spores/m<sup>3</sup>)</u>	<u>Total Mold Spores (spores/m<sup>3</sup>)</u>
211886-MA-0019	7/13/2021 11:15 AM	Classroom 133	Background	5 Min.	15	74.6 °F / 35.3%	Aspergillus/Penicillium - 320 Cladosporium - 280 Ascospores - 80 Basidiospores - 120 Periconia, Myxomycetes, Smuts - 160 Miscellaneous Spores - 40	1,000
211886-MA-0020	7/13/2021 11:16 AM	Classroom 220	Background	5 Min.	15	76.1 °F / 41.0%	Aspergillus/Penicillium - 320 Cladosporium - 80 Alternaria - 40 Ascospores - 40 Nigrospora - 40 Periconia, Myxomycetes, Smuts - 40	560
211886-MA-0021	7/13/2021 11:16 AM	Classroom 221	Background	5 Min.	15	77.9 °F / 38.3%	Aspergillus/Penicillium - 240 Cladosporium - 240 Periconia, Myxomycetes, Smuts - 80	560
211886-MA-0022	7/13/2021 11:17 AM	Classroom 222	Background	5 Min.	15	81.0 °F / 35.3%	Aspergillus/Penicillium - 1,120 Cladosporium - 200 Basidiospores - 80 Periconia, Myxomycetes, Smuts - 40	1,440
211886-MA-0023	7/13/2021 11:27 AM	Classroom 223	Background	5 Min.	15	75.9 °F / 40.7%	Aspergillus/Penicillium - 760 Cladosporium - 120 Alternaria - 40 Basidiospores - 40 Miscellaneous Spores - 40	1,000
211886-MA-0024	7/13/2021 11:28 AM	Classroom 225	Background	5 Min.	15	83.4 °F / 32.7%	Aspergillus/Penicillium - 240 Cladosporium - 80 Ascospores - 40 Basidiospores - 40 Periconia, Myxomycetes, Smuts - 40	440





<u>Sample Number</u>	<u>Sample Date &amp; Time</u>	<u>Sample Location</u>	<u>Sample Description</u>	<u>Sampling Time</u>	<u>Liters Per Min</u>	<u>Temp./Humidity</u>	<u>Prominent Mold - Genre Level (spores/m<sup>3</sup>)</u>	<u>Total Mold Spores (spores/m<sup>3</sup>)</u>
211886-MA-0025	7/13/2021 11:43 AM	Classroom 135	Background	5 Min.	15	76.4 °F / 29.5%	Aspergillus/Penicillium - 200 Epicoccum - 40	240
211886-MA-0026	7/13/2021 11:44 AM	Classroom 231	Background	5 Min.	15	76.6 °F / 27.8%	Aspergillus/Penicillium - 160 Ascospores - 40	200
211886-MA-0027	7/13/2021 11:45 AM	Classroom 232	Background	5 Min.	15	69.2 °F / 38.3%	Aspergillus/Penicillium - 320 Cladosporium - 200 Basidiospores - 320 Epicoccum - 40 Nigrospora - 40	920
211886-MA-0028	7/13/2021 11:48 AM	Classroom 233	Background	5 Min.	15	68.5 °F / 51.0%	Aspergillus/Penicillium - 80 Cladosporium - 40 Ascospores - 40 Basidiospores - 120 Bipolaris - 80 Periconia, Myxomycetes, Smuts - 80 Ganoderma - 40	480
211886-MA-0029	7/13/2021 11:49 AM	Classroom 234	Background	5 Min.	15	71.9 °F / 37.1%	Aspergillus/Penicillium - 600 Cladosporium - 280 Alternaria - 80 Ascospores - 80 Basidiospores - 40 Epicoccum - 40 Periconia, Myxomycetes, Smuts - 960 Oidium - 40	2,120
211886-MA-0030	7/13/2021 3:10 PM	Classroom 4	Background	5 Min.	15	78.2 °F / 42.6%	Aspergillus/Penicillium - 800 Cladosporium - 760 Ascospores - 80 Bipolaris - 40 Periconia, Myxomycetes, Smuts - 40	1,720



<u>Sample Number</u>	<u>Sample Date &amp; Time</u>	<u>Sample Location</u>	<u>Sample Description</u>	<u>Sampling Time</u>	<u>Liters Per Min</u>	<u>Temp./Humidity</u>	<u>Prominent Mold - Genre Level (spores/m<sup>3</sup>)</u>	<u>Total Mold Spores (spores/m<sup>3</sup>)</u>
211886-MA-0031	7/13/2021 3:11 PM	Classroom 5	Background	5 Min.	15	71.7 °F / 43.1%	Aspergillus/Penicillium - 120 Cladosporium - 1,080 Alternaria - 40 Ascospores - 160 Basidiospores - 120 Periconia, Myxomycetes, Smuts - 200 Torula - 40 Miscellaneous Spores - 80 Ganoderma - 80	1,920
211886-MA-0032	7/13/2021 3:11 PM	Classroom 7	Background	5 Min.	15	80.6 °F / 33.5%	Aspergillus/Penicillium - 360 Basidiospores - 120 Periconia, Myxomycetes, Smuts - 40	520
211886-MA-0033	7/13/2021 3:13 PM	Classroom 8	Background	5 Min.	15	79.2 °F / 34.6%	Aspergillus/Penicillium - 1,240 Cladosporium - 7,560 Ascospores - 200 Basidiospores - 200 Bipolaris - 120 Curvularia - 40 Epicoccum - 40 Periconia, Myxomycetes, Smuts - 440 Miscellaneous Spores - 80	9,920
211886-MA-0034	7/13/2021 3:15 PM	Classroom 310	Background	5 Min.	15	81.1 °F / 47.3%	Aspergillus/Penicillium - 200 Cladosporium - 200	400
211886-MA-0035	7/13/2021 3:15 PM	Classroom 313	Background	5 Min.	15	73.0 °F / 36.1%	Aspergillus/Penicillium - 280 Cladosporium - 200 Ascospores - 40 Basidiospores - 80 Epicoccum - 40	640



<u>Sample Number</u>	<u>Sample Date &amp; Time</u>	<u>Sample Location</u>	<u>Sample Description</u>	<u>Sampling Time</u>	<u>Liters Per Min</u>	<u>Temp./Humidity</u>	<u>Prominent Mold - Genre Level (spores/m<sup>3</sup>)</u>	<u>Total Mold Spores (spores/m<sup>3</sup>)</u>
211886-MA-0036	7/13/2021 3:15 PM	Classroom 315	Background	5 Min.	15	85.8 °F / 32.2%	Aspergillus/Penicillium - 360 Cladosporium - 160 Ascospores - 40 Basidiospores - 80 Periconia, Myxomycetes, Smuts - 120	760
211886-MA-0037	7/13/2021 3:16 PM	Classroom 325	Background	5 Min.	15	78.4 °F / 33.9%	Aspergillus/Penicillium - 400 Cladosporium - 480 Basidiospores - 40 Periconia, Myxomycetes, Smuts - 80	1,000
211886-MA-0038	7/13/2021 3:17 PM	Classroom 323	Background	5 Min.	15	74.3 °F / 37.3%	Aspergillus/Penicillium - 240 Cladosporium - 80 Ascospores - 40 Epicoccum - 40	400
211886-MA-0039	7/13/2021 3:17 PM	Classroom 322	Background	5 Min.	15	67.6 °F / 39.7%	Aspergillus/Penicillium - 200 Cladosporium - 80	280
211886-MA-0040	7/13/2021 3:17 PM	Classroom 335	Background	5 Min.	15	85.6 °F / 29.8%	Aspergillus/Penicillium - 160 Cladosporium - 280 Ascospores - 40	480
211886-MA-0041	7/13/2021 3:18 PM	Classroom 331	Background	5 Min.	15	74.6 °F / 33.1%	Aspergillus/Penicillium - 80	80
211886-MA-0042	7/13/2021 3:18 PM	Classroom 415	Background	5 Min.	15	71.9 °F / 39.3%	Aspergillus/Penicillium - 280 Cladosporium - 200	480
211886-MA-0043	7/13/2021 3:19 PM	Classroom 425	Background	5 Min.	15	72.5 °F / 38.3%	Aspergillus/Penicillium - 120 Cladosporium - 400	520



<u>Sample Number</u>	<u>Sample Date &amp; Time</u>	<u>Sample Location</u>	<u>Sample Description</u>	<u>Sampling Time</u>	<u>Liters Per Min</u>	<u>Temp./Humidity</u>	<u>Prominent Mold - Genre Level (spores/m<sup>3</sup>)</u>	<u>Total Mold Spores (spores/m<sup>3</sup>)</u>
211886-MA-0044	7/13/2021 3:19 PM	Exterior	Ambient	10 Min.	15	70.0 °F / 68.0%	Aspergillus/Penicillium - 1,880 Cladosporium - 1,300 Chaetomium - 0 Alternaria - 0 Ascospores - 80 Basidiospores - 280 Bipolaris - 0 Curvularia - 0 Epicoccum - 0 Nigrospora - 0 Periconia, Myxomycetes, Smuts - 20 Torula - 0 Miscellaneous Spores - 0 Oidium - 20 Ganoderma - 0 Stemphylium - 0	3,580*
211886-MA-0045	7/13/2021 3:20 PM	Classroom 420/430	Background	5 Min.	15	77.2 °F / 43.1%	Aspergillus/Penicillium - 280 Basidiospores - 80 Periconia, Myxomycetes, Smuts - 160 Miscellaneous Spores - 40	560
211886-MA-0046	7/13/2021 3:20 PM	Classroom 431	Background	5 Min.	15	78.0 °F / 44.3%	Aspergillus/Penicillium - 520 Cladosporium - 440 Ascospores - 80 Bipolaris - 40 Periconia, Myxomycetes, Smuts - 160	1,240



<u>Sample Number</u>	<u>Sample Date &amp; Time</u>	<u>Sample Location</u>	<u>Sample Description</u>	<u>Sampling Time</u>	<u>Liters Per Min</u>	<u>Temp./Humidity</u>	<u>Prominent Mold - Genre Level (spores/m<sup>3</sup>)</u>	<u>Total Mold Spores (spores/m<sup>3</sup>)</u>
211886-MA-0047	7/13/2021 3:21 PM	Classroom 432	Background	5 Min.	15	76.1 °F / 47.3%	Aspergillus/Penicillium - 520 Alternaria - 80 Ascospores - 40 Bipolaris - 40 Nigrospora - 40 Periconia, Myxomycetes, Smuts - 40 Cladosporium - 80	840
211886-MA-0048	7/13/2021 3:21 PM	Classroom 433	Background	5 Min.	15	77.0 °F / 45.3%	Aspergillus/Penicillium - 520 Cladosporium - 400 Chaetomium - 40 Ascospores - 40 Basidiospores - 80 Epicoccum - 40 Periconia, Myxomycetes, Smuts - 80	1,200
211886-MA-0049	7/13/2021 3:21 PM	Classroom 435	Background	5 Min.	15	80.0 °F / 43.6%	Aspergillus/Penicillium - 400 Cladosporium - 160 Alternaria - 40 Ascospores - 120 Basidiospores - 80 Periconia, Myxomycetes, Smuts - 80	880
211886-MA-0050	7/13/2021 3:22 PM	Classroom 422	Background	5 Min.	15	77.2 °F / 41.0%	Aspergillus/Penicillium - 440 Cladosporium - 640 Alternaria - 120 Ascospores - 80 Basidiospores - 120 Periconia, Myxomycetes, Smuts - 280 Miscellaneous Spores - 40	1,720



<u>Sample Number</u>	<u>Sample Date &amp; Time</u>	<u>Sample Location</u>	<u>Sample Description</u>	<u>Sampling Time</u>	<u>Liters Per Min</u>	<u>Temp./Humidity</u>	<u>Prominent Mold - Genre Level (spores/m<sup>3</sup>)</u>	<u>Total Mold Spores (spores/m<sup>3</sup>)</u>
211886-MA-0051	7/13/2021 3:22 PM	Classroom 421	Background	5 Min.	15	67.1 °F / 34.5%	Aspergillus/Penicillium - 80 Cladosporium - 80 Alternaria - 40 Basidiospores - 40 Periconia, Myxomycetes, Smuts - 120 Miscellaneous Spores - 40	400
211886-MA-0052	7/13/2021 3:23 PM	Classroom 411	Background	5 Min.	15	74.8 °F / 60.2%	Aspergillus/Penicillium - 440 Cladosporium - 200 Periconia, Myxomycetes, Smuts - 40 Miscellaneous Spores - 40	720
211886-MA-0053	7/13/2021 3:23 PM	Classroom 230	Background	5 Min.	15	75.7 °F / 40.8%	Aspergillus/Penicillium - 320 Cladosporium - 200 Periconia, Myxomycetes, Smuts - 200 Miscellaneous Spores - 40	760
211886-MA-0054	7/13/2021 3:24 PM	Library	Background	5 Min.	15	77.1 °F / 47.6%	Aspergillus/Penicillium - 440 Cladosporium - 240 Basidiospores - 40 Periconia, Myxomycetes, Smuts - 200	920
211886-MA-0055	7/13/2021 3:24 PM	Classroom 320	Background	5 Min.	15	70.0 °F / 50.0%	Aspergillus/Penicillium - 160 Cladosporium - 200 Alternaria - 40 Basidiospores - 80	480
211886-MA-0056	7/13/2021 3:25 PM	Classroom 6	Background	5 Min.	15	78.3 °F / 61.2%	Aspergillus/Penicillium - 400 Cladosporium - 80 Epicoccum - 40 Periconia, Myxomycetes, Smuts - 160	680



<u>Sample Number</u>	<u>Sample Date &amp; Time</u>	<u>Sample Location</u>	<u>Sample Description</u>	<u>Sampling Time</u>	<u>Liters Per Min</u>	<u>Temp./Humidity</u>	<u>Prominent Mold - Genre Level (spores/m<sup>3</sup>)</u>	<u>Total Mold Spores (spores/m<sup>3</sup>)</u>
211886-MA-0057	7/13/2021 3:25 PM	Classroom 2	Background	5 Min.	15	81.2 °F / 33.1%	Aspergillus/Penicillium - 440 Cladosporium - 240 Basidiospores - 80 Periconia, Myxomycetes, Smuts - 80	840
211886-MA-0058	7/13/2021 3:25 PM	Classroom 235	Background	5 Min.	15	82.5 °F / 40.2%	Aspergillus/Penicillium - 1,000 Cladosporium - 520 Alternaria - 80 Basidiospores - 80 Periconia, Myxomycetes, Smuts - 160	1,840
211886-MA-0059	7/13/2021 3:26 PM	Classroom 213	Background	5 Min.	15	70.0 °F / 47.5%	Aspergillus/Penicillium - 600 Cladosporium - 200 Alternaria - 80 Basidiospores - 80 Bipolaris - 80 Periconia, Myxomycetes, Smuts - 280	1,320
211886-MA-0060	7/13/2021 3:26 PM	Classroom 214	Background	5 Min.	15	71.3 °F / 64.2%	Aspergillus/Penicillium - 240 Basidiospores - 40	280
211886-MA-0061	7/13/2021 3:27 PM	Classroom 132	Background	5 Min.	15	72.4 °F / 65.7%	Aspergillus/Penicillium - 240 Ascospores - 80 Basidiospores - 120 Bipolaris - 40 Periconia, Myxomycetes, Smuts - 280 Ganoderma - 40	800
211886-MA-0062	7/13/2021 3:27 PM	Classroom 330/410	Background	5 Min.	15	73.0 °F / 55.1%	Aspergillus/Penicillium - 120 Cladosporium - 160 Ascospores - 40 Basidiospores - 40 Bipolaris - 40 Periconia, Myxomycetes, Smuts - 40	440



<u>Sample Number</u>	<u>Sample Date &amp; Time</u>	<u>Sample Location</u>	<u>Sample Description</u>	<u>Sampling Time</u>	<u>Liters Per Min</u>	<u>Temp./Humidity</u>	<u>Prominent Mold - Genre Level (spores/m<sup>3</sup>)</u>	<u>Total Mold Spores (spores/m<sup>3</sup>)</u>
211886-MA-0063	7/13/2021 3:28 PM	Classroom 412	Background	5 Min.	15	72.8 °F / 64.3%	Aspergillus/Penicillium - 400 Cladosporium - 120 Alternaria - 40 Basidiospores - 80 Bipolaris - 40 Periconia, Myxomycetes, Smuts - 40 Miscellaneous Spores - 40	760
211886-MA-0064	7/13/2021 3:28 PM	Classroom 423	Background	5 Min.	15	68.7 °F / 56.7%	Aspergillus/Penicillium - 400 Cladosporium - 80 Alternaria - 40 Basidiospores - 80 Bipolaris - 40	640
211886-MA-0065	7/13/2021 3:28 PM	Classroom 311	Background	5 Min.	15	70.3 °F / 57.2%	Aspergillus/Penicillium - 680 Cladosporium - 280 Alternaria - 40 Ascospores - 80 Basidiospores - 40 Bipolaris - 40 Epicoccum - 80 Periconia, Myxomycetes, Smuts - 80	1,320
211886-MA-0066	7/13/2021 3:29 PM	Classroom 321	Background	5 Min.	15	68.7 °F / 52.3%	Aspergillus/Penicillium - 360 Cladosporium - 160 Alternaria - 80 Bipolaris - 80 Epicoccum - 40 Periconia, Myxomycetes, Smuts - 280	1,000
211886-MA-0067	7/13/2021 3:29 PM	Classroom 312	Background	5 Min.	15	67.2 °F / 52.7%	Aspergillus/Penicillium - 240 Cladosporium - 40 Basidiospores - 80 Periconia, Myxomycetes, Smuts - 80	440



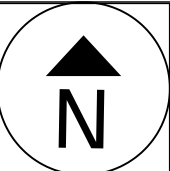


<u>Sample Number</u>	<u>Sample Date &amp; Time</u>	<u>Sample Location</u>	<u>Sample Description</u>	<u>Sampling Time</u>	<u>Liters Per Min</u>	<u>Temp./Humidity</u>	<u>Prominent Mold - Genre Level (spores/m<sup>3</sup>)</u>	<u>Total Mold Spores (spores/m<sup>3</sup>)</u>
211886-MA-0068	7/13/2021 3:30 PM	Exterior	Ambient	10 Min.	15	90.0 °F / 39.0%	Aspergillus/Penicillium - 280 Cladosporium - 1,240 Alternaria - 20 Ascospores - 40 Basidiospores - 20 Bipolaris - 20 Periconia, Myxomycetes, Smuts - 20 Chaetomium - 0 Curvularia - 0 Epicoccum - 0 Nigrospora - 0 Torula - 0 Ganoderma - 0 Miscellaneous Spores - 0 Oidium - 0 Stemphylium - 0	1,640*

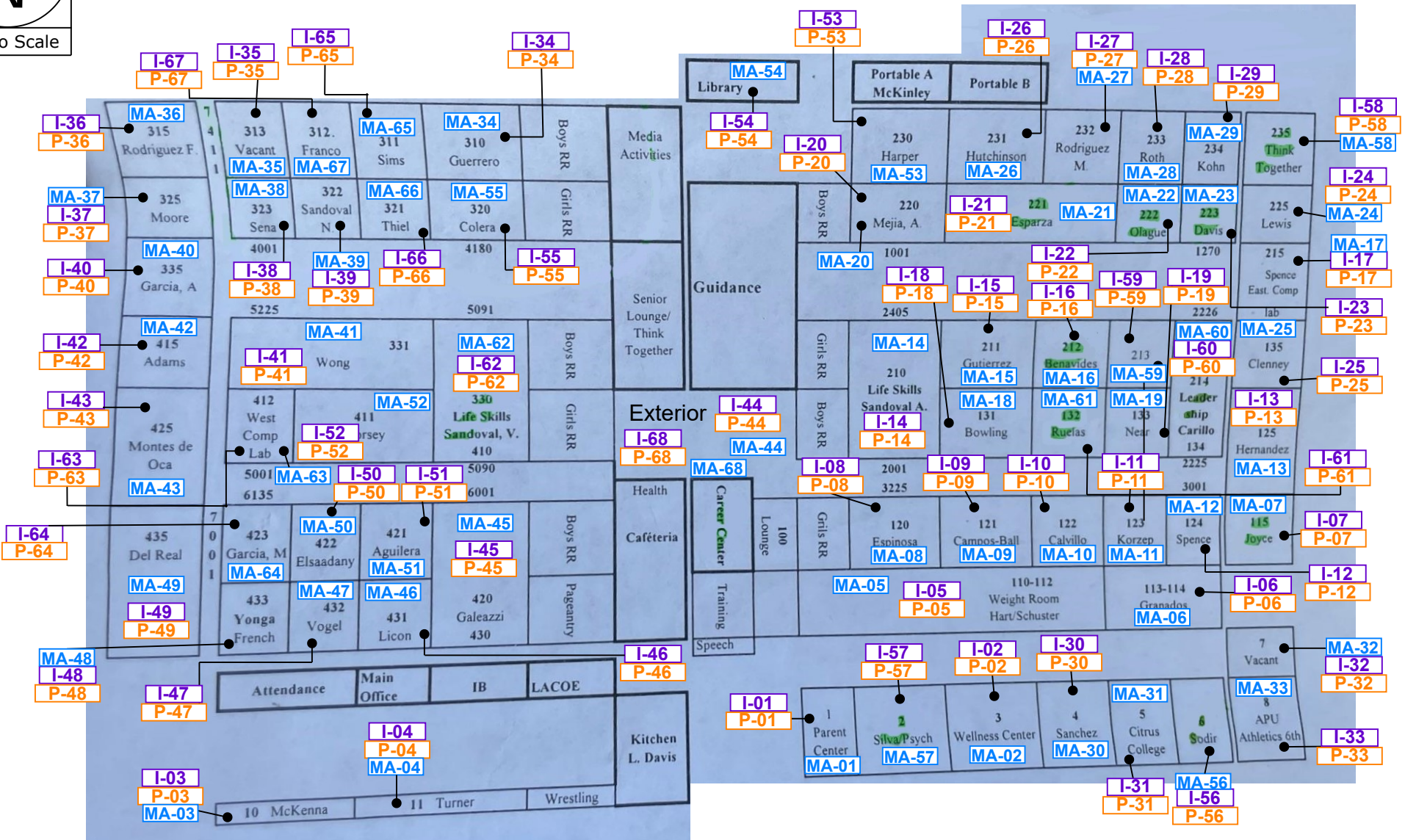
**\*Note:** Total mold spore count reflects all genres detected in the exterior sample, including the genres not detected in the interior sample obtained.

**LEGEND:**

- (1) P = Present, NP = Not Present
- (2) **RED** = Elevated Spore Concentrations of Specific Genres
- (3) **BLUE** = Genre Found Inside at Low Levels but not found Outside
- (4) N/A = Not Applicable



Not to Scale



**LEGEND:**  
I = IAQCalc Sample Locations  
P = PDR1500 Sample Locations  
MA = Mold Air Sample Locations

**Site Drawing - Indoor Air Quality - Page 1 of 1**

Azusa High School  
240 North Cerritos Avenue  
Azusa, California 91702

Project #: Atch-211886 Azusa Unified School District



## Digital Photographs - IAQ

**Locations:** Azusa High School, 240 North Cerritos Avenue

**Client Name:** Azusa Unified School District



View of Classroom 8, Ceiling HVAC Vent



View of Classroom 234, Ceiling HVAC Vent



View of Classroom 235, Ceiling HVAC Vent



# MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

www.aihlab.com

<b>Client Name:</b> A-Tech Consulting Inc	<b>Report Status:</b> Final Report
<b>Client Address:</b> 1640 N. Batavia Street, Orange, CA 92867	<b>AIHA EMPAT#:</b> 203769
<b>Project Number:</b> 211886	<b>Lab Batch Number:</b> 2111103
<b>Project Location:</b> 240 North Cerritos Avenue, Azusa, CA 91702	<b>Samples Received:</b> 13
	<b>Samples Analyzed:</b> 13

<b>Laboratory Sample ID:</b>	<b>211110301</b>	<b>211110302</b>	<b>211110303</b>
<b>Client Sample ID:</b>	<b>MA-0001</b>	<b>MA-0002</b>	<b>MA-0003</b>
<b>Sample Location:</b>	<b>1st Floor, Classroom 1</b>	<b>1st Floor, Classroom 3</b>	<b>1st Floor, Classroom 10</b>
<b>Comments:</b>	<i>None</i>	<i>None</i>	<i>None</i>

## Quantitative Analysis

		Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total
<b>Inside/Outside</b>	Aspergillus/Penicillium-like	12	480	54.5	5	200	27.8	3	120	33.3
	Cladosporium	4	160	18.2	2	80	11.1	3	120	33.3
<b>Water Damage Indication</b>	Chaetomium	-	-	-	-	-	-	-	-	-
	Stachybotrys	-	-	-	-	-	-	-	-	-
	Trichoderma	-	-	-	-	-	-	-	-	-
	Ulocladium	-	-	-	-	-	-	-	-	-
<b>Outdoor Environment</b>	Alternaria	-	-	-	1	40	5.6	-	-	-
	Ascospores	-	-	-	2	80	11.1	1	40	11.1
	Basidiospores	1	40	4.5	-	-	-	-	-	-
	Bipolaris	-	-	-	1	40	5.6	1	40	11.1
	Curvularia	-	-	-	-	-	-	-	-	-
	Epicoccum	-	-	-	-	-	-	-	-	-
	Nigrospora	-	-	-	-	-	-	-	-	-
	Periconia/Myxo/Smut	5	200	22.7	7	280	38.9	-	-	-
	Pithomyces	-	-	-	-	-	-	-	-	-
	Rust	-	-	-	-	-	-	-	-	-
	Spegazzinia	-	-	-	-	-	-	-	-	-
	Tetraploa	-	-	-	-	-	-	-	-	-
	Torula	-	-	-	-	-	-	-	-	-
	Miscellaneous Spores	-	-	-	-	-	-	1	40	11.1
	Stemphylium	-	-	-	-	-	-	-	-	-
<b>Total</b>		<b>22</b>	<b>880</b>	<b>100</b>	<b>18</b>	<b>720</b>	<b>100</b>	<b>9</b>	<b>360</b>	<b>100</b>



## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

www.aihlab.com

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111103

**Samples Received:** 13

**Samples Analyzed:** 13

<b>Laboratory Sample ID:</b>	<b>211110301</b>	<b>211110302</b>	<b>211110303</b>
<b>Client Sample ID:</b>	<b>MA-0001</b>	<b>MA-0002</b>	<b>MA-0003</b>
<b>Sample Location:</b>	<b>1st Floor, Classroom 1</b>	<b>1st Floor, Classroom 3</b>	<b>1st Floor, Classroom 10</b>

### Sample Collection Data

Total Time:			
Flow Rate:			
Volume:	75	75	75

### Qualitative Analysis

Skin Fragments- 1 to 5 (low to high):	2	2	2
Background/m3- 1 to 5 (low to high):	3	4	4
Hyphal Fragments- 1 to 5 (low to high):	1	1	1





# MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

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<b>Client Name:</b> A-Tech Consulting Inc	<b>Report Status:</b> Final Report
<b>Client Address:</b> 1640 N. Batavia Street, Orange, CA 92867	<b>AIHA EMPAT#:</b> 203769
<b>Project Number:</b> 211886	<b>Lab Batch Number:</b> 2111103
<b>Project Location:</b> 240 North Cerritos Avenue, Azusa, CA 91702	<b>Samples Received:</b> 13
	<b>Samples Analyzed:</b> 13

<b>Laboratory Sample ID:</b>	<b>211110304</b>	<b>211110305</b>	<b>211110306</b>
<b>Client Sample ID:</b>	<b>MA-0004</b>	<b>MA-0005</b>	<b>MA-0006</b>
<b>Sample Location:</b>	<b>1st Floor, Classroom 11</b>	<b>1st Floor, Classroom 110-112</b>	<b>1st Floor, Classroom 113-114</b>
<b>Comments:</b>	<i>None</i>	<i>None</i>	<i>None</i>

## Quantitative Analysis

		Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total
<b>Inside/Outside</b>	Aspergillus/Penicillium-like	9	360	69.2	4	160	33.3	15	600	55.6
	Cladosporium	3	120	23.1	5	200	41.7	4	160	14.8
<b>Water Damage Indication</b>	Chaetomium	-	-	-	-	-	-	-	-	-
	Stachybotrys	-	-	-	-	-	-	-	-	-
	Trichoderma	-	-	-	-	-	-	-	-	-
	Ulocladium	-	-	-	-	-	-	-	-	-
	Alternaria	-	-	-	-	-	-	-	-	-
<b>Outdoor Environment</b>	Ascospores	-	-	-	-	-	-	2	80	7.4
	Basidiospores	1	40	7.7	-	-	-	1	40	3.7
	Bipolaris	-	-	-	-	-	-	1	40	3.7
	Curvularia	-	-	-	-	-	-	-	-	-
	Epicoccum	-	-	-	1	40	8.3	-	-	-
	Nigrospora	-	-	-	-	-	-	-	-	-
	Periconia/Myxo/Smut	-	-	-	2	80	16.7	3	120	11.1
	Pithomyces	-	-	-	-	-	-	-	-	-
	Rust	-	-	-	-	-	-	-	-	-
	Spegazzinia	-	-	-	-	-	-	-	-	-
	Tetraploa	-	-	-	-	-	-	-	-	-
	Torula	-	-	-	-	-	-	-	-	-
	Miscellaneous Spores	-	-	-	-	-	-	-	-	-
	Stemphylium	-	-	-	-	-	-	1	40	3.7
	<b>Total</b>	<b>13</b>	<b>520</b>	<b>100</b>	<b>12</b>	<b>480</b>	<b>100</b>	<b>27</b>	<b>1080</b>	<b>100</b>



## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

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**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111103

**Samples Received:** 13

**Samples Analyzed:** 13

<b>Laboratory Sample ID:</b>	<b>211110304</b>	<b>211110305</b>	<b>211110306</b>
<b>Client Sample ID:</b>	<b>MA-0004</b>	<b>MA-0005</b>	<b>MA-0006</b>
<b>Sample Location:</b>	<b>1st Floor, Classroom 11</b>	<b>1st Floor, Classroom 110-112</b>	<b>1st Floor, Classroom 113-114</b>

### Sample Collection Data

Total Time:			
Flow Rate:			
Volume:	75	75	75

### Qualitative Analysis

Skin Fragments- 1 to 5 (low to high):	1	1	2
Background/m3- 1 to 5 (low to high):	2	2	4
Hyphal Fragments- 1 to 5 (low to high):	1	1	1







# MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

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<b>Client Name:</b> A-Tech Consulting Inc	<b>Report Status:</b> Final Report
<b>Client Address:</b> 1640 N. Batavia Street, Orange, CA 92867	<b>AIHA EMPAT#:</b> 203769
<b>Project Number:</b> 211886	<b>Lab Batch Number:</b> 2111103
<b>Project Location:</b> 240 North Cerritos Avenue, Azusa, CA 91702	<b>Samples Received:</b> 13
	<b>Samples Analyzed:</b> 13

<b>Laboratory Sample ID:</b>	<b>211110307</b>	<b>211110308</b>	<b>211110309</b>
<b>Client Sample ID:</b>	<b>MA-0007</b>	<b>MA-0008</b>	<b>MA-0009</b>
<b>Sample Location:</b>	<b>1st Floor, Classroom 115</b>	<b>1st Floor, Classroom 120</b>	<b>1st Floor, Classroom 121</b>
<b>Comments:</b>	<i>None</i>	<i>None</i>	<i>None</i>

## Quantitative Analysis

		Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total
<b>Inside/Outside</b>	Aspergillus/Penicillium-like	7	280	87.5	11	440	61.1	6	240	42.9
	Cladosporium	1	40	12.5	4	160	22.2	1	40	7.1
<b>Water Damage Indication</b>	Chaetomium	-	-	-	-	-	-	-	-	-
	Stachybotrys	-	-	-	-	-	-	-	-	-
	Trichoderma	-	-	-	-	-	-	-	-	-
	Ulocladium	-	-	-	-	-	-	-	-	-
	Alternaria	-	-	-	1	40	5.6	-	-	-
<b>Outdoor Environment</b>	Ascospores	-	-	-	-	-	-	-	-	-
	Basidiospores	-	-	-	1	40	5.6	1	40	7.1
	Bipolaris	-	-	-	-	-	-	-	-	-
	Curvularia	-	-	-	-	-	-	-	-	-
	Epicoccum	-	-	-	-	-	-	-	-	-
	Nigrospora	-	-	-	-	-	-	-	-	-
	Periconia/Myxo/Smut	-	-	-	1	40	5.6	6	240	42.9
	Pithomyces	-	-	-	-	-	-	-	-	-
	Rust	-	-	-	-	-	-	-	-	-
	Spegazzinia	-	-	-	-	-	-	-	-	-
	Tetraploa	-	-	-	-	-	-	-	-	-
	Torula	-	-	-	-	-	-	-	-	-
	Miscellaneous Spores	-	-	-	-	-	-	-	-	-
	Stemphylium	-	-	-	-	-	-	-	-	-
<b>Total</b>		<b>8</b>	<b>320</b>	<b>100</b>	<b>18</b>	<b>720</b>	<b>100</b>	<b>14</b>	<b>560</b>	<b>100</b>





## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

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**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111103

**Samples Received:** 13

**Samples Analyzed:** 13

<b>Laboratory Sample ID:</b>	<b>211110307</b>	<b>211110308</b>	<b>211110309</b>
<b>Client Sample ID:</b>	<b>MA-0007</b>	<b>MA-0008</b>	<b>MA-0009</b>
<b>Sample Location:</b>	<b>1st Floor, Classroom 115</b>	<b>1st Floor, Classroom 120</b>	<b>1st Floor, Classroom 121</b>

### Sample Collection Data

Total Time:			
Flow Rate:			
Volume:	75	75	75

### Qualitative Analysis

Skin Fragments- 1 to 5 (low to high):	1	2	2
Background/m3- 1 to 5 (low to high):	1	3	3
Hyphal Fragments- 1 to 5 (low to high):	1	1	1





# MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

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<b>Client Name:</b> A-Tech Consulting Inc	<b>Report Status:</b> Final Report
<b>Client Address:</b> 1640 N. Batavia Street, Orange, CA 92867	<b>AIHA EMPAT#:</b> 203769
<b>Project Number:</b> 211886	<b>Lab Batch Number:</b> 2111103
<b>Project Location:</b> 240 North Cerritos Avenue, Azusa, CA 91702	<b>Samples Received:</b> 13
	<b>Samples Analyzed:</b> 13

<b>Laboratory Sample ID:</b>	<b>211110310</b>	<b>211110311</b>	<b>211110312</b>
<b>Client Sample ID:</b>	<b>MA-0010</b>	<b>MA-0011</b>	<b>MA-0012</b>
<b>Sample Location:</b>	<b>1st Floor, Classroom 122</b>	<b>1st Floor, Classroom 123</b>	<b>1st Floor, Classroom 124</b>
<b>Comments:</b>	<i>None</i>	<i>None</i>	<i>None</i>

## Quantitative Analysis

		Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total
<b>Inside/Outside</b>	Aspergillus/Penicillium-like	8	320	53.3	5	200	83.3	7	280	50
	Cladosporium	4	160	26.7	-	-	-	2	80	14.3
<b>Water Damage Indication</b>	Chaetomium	-	-	-	-	-	-	-	-	-
	Stachybotrys	-	-	-	-	-	-	-	-	-
	Trichoderma	-	-	-	-	-	-	-	-	-
	Ulocladium	-	-	-	-	-	-	-	-	-
	Alternaria	-	-	-	-	-	-	-	-	-
<b>Outdoor Environment</b>	Ascospores	-	-	-	-	-	-	1	40	7.1
	Basidiospores	-	-	-	-	-	-	2	80	14.3
	Bipolaris	-	-	-	-	-	-	-	-	-
	Curvularia	-	-	-	-	-	-	-	-	-
	Epicoccum	-	-	-	-	-	-	-	-	-
	Nigrospora	-	-	-	-	-	-	-	-	-
	Periconia/Myxo/Smut	2	80	13.3	1	40	16.7	2	80	14.3
	Pithomyces	-	-	-	-	-	-	-	-	-
	Rust	-	-	-	-	-	-	-	-	-
	Spegazzinia	-	-	-	-	-	-	-	-	-
	Tetraploa	-	-	-	-	-	-	-	-	-
	Torula	-	-	-	-	-	-	-	-	-
	Miscellaneous Spores	1	40	6.7	-	-	-	-	-	-
	Stemphylium	-	-	-	-	-	-	-	-	-
<b>Total</b>		<b>15</b>	<b>600</b>	<b>100</b>	<b>6</b>	<b>240</b>	<b>100</b>	<b>14</b>	<b>560</b>	<b>100</b>



## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone:(562) 860-2201

www.aihlab.com

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111103

**Samples Received:** 13

**Samples Analyzed:** 13

<b>Laboratory Sample ID:</b>	<b>211110310</b>	<b>211110311</b>	<b>211110312</b>
<b>Client Sample ID:</b>	<b>MA-0010</b>	<b>MA-0011</b>	<b>MA-0012</b>
<b>Sample Location:</b>	<b>1st Floor, Classroom 122</b>	<b>1st Floor, Classroom 123</b>	<b>1st Floor, Classroom 124</b>

### Sample Collection Data

Total Time:			
Flow Rate:			
Volume:	75	75	75

### Qualitative Analysis

Skin Fragments- 1 to 5 (low to high):	2	2	2
Background/m3- 1 to 5 (low to high):	3	2	3
Hyphal Fragments- 1 to 5 (low to high):	1	1	1





# MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone:(562) 860-2201

www.aihlab.com

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111103

**Samples Received:** 13

**Samples Analyzed:** 13

<b>Laboratory Sample ID:</b>	211110313	XXXXXXXXXX	XXXXXXXXXX
<b>Client Sample ID:</b>	MA-0013	XXXXXXXXXX	XXXXXXXXXX
<b>Sample Location:</b>	1st Floor, Classroom 125	XXXXXXXXXX	XXXXXXXXXX
<b>Comments:</b>	None		

## Quantitative Analysis

		Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total
<b>Inside/Outside</b>	Aspergillus/Penicillium-like	3	120	100						
	Cladosporium	-	-	-						
<b>Water Damage Indication</b>	Chaetomium	-	-	-						
	Stachybotrys	-	-	-						
	Trichoderma	-	-	-						
	Ulocladium	-	-	-						
<b>Outdoor Environment</b>	Alternaria	-	-	-						
	Ascospores	-	-	-						
	Basidiospores	-	-	-						
	Bipolaris	-	-	-						
	Curvularia	-	-	-						
	Epicoccum	-	-	-						
	Nigrospora	-	-	-						
	Periconia/Myxo/Smut	-	-	-						
	Pithomyces	-	-	-						
	Rust	-	-	-						
	Spegazzinia	-	-	-						
	Tetraploa	-	-	-						
	Torula	-	-	-						
	Miscellaneous Spores	-	-	-						
	Stemphylium	-	-	-						
<b>Total</b>		3	120	100						



## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

www.aihlab.com

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111103

**Samples Received:** 13

**Samples Analyzed:** 13

<b>Laboratory Sample ID:</b>	<b>211110313</b>	<b>XXXXXXXX</b>	<b>XXXXXXXX</b>
<b>Client Sample ID:</b>	<b>MA-0013</b>	<b>XXXXXXXX</b>	<b>XXXXXXXX</b>
<b>Sample Location:</b>	<b>1st Floor, Classroom 125</b>	<b>XXXXXXXX</b>	<b>XXXXXXXX</b>

### Sample Collection Data

Total Time:		
Flow Rate:		
Volume:	75	

### Qualitative Analysis

Skin Fragments- 1 to 5 (low to high):	2	
Background/m3- 1 to 5 (low to high):	2	
Hyphal Fragments- 1 to 5 (low to high):	1	

**Analyzed by:** Emily Chang

**Signature:** 

**Date:** 07-14-2021

**Reviewed by:** Zubair Ahmed

**Signature:** 

**Date:** 07-16-2021

No accepted regulatory standards currently exist by which to assess the health risks related to mold exposure. Molds have been associated with a variety of health effects and sensitivity varies from person to person. Results are not blank corrected unless otherwise noted. The detection limit is equal to one fungal spore, structure, pollen, fiber particle or insect fragment. High levels of background particulate can obscure spores and other particulates leading to underestimation. "-" Denotes not detected. Background levels of 4 or 5 indicate an overload of background particulates, prohibiting accurate detection and quantification. AIH Laboratory maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by AIH Laboratory. AIH Laboratory bears no responsibility for sample collection activities or analytical method limitations. Spores/m<sup>3</sup> calculation based on volume information provided by client. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted. All report format and design are copyright of AIH Laboratory 2021.

AIHA LAP, LLC Accredited Laboratory for Microbiology Laboratory ISO/IEC 17025:2005, Lab ID# 203769



## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201  
www.aihlab.com

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

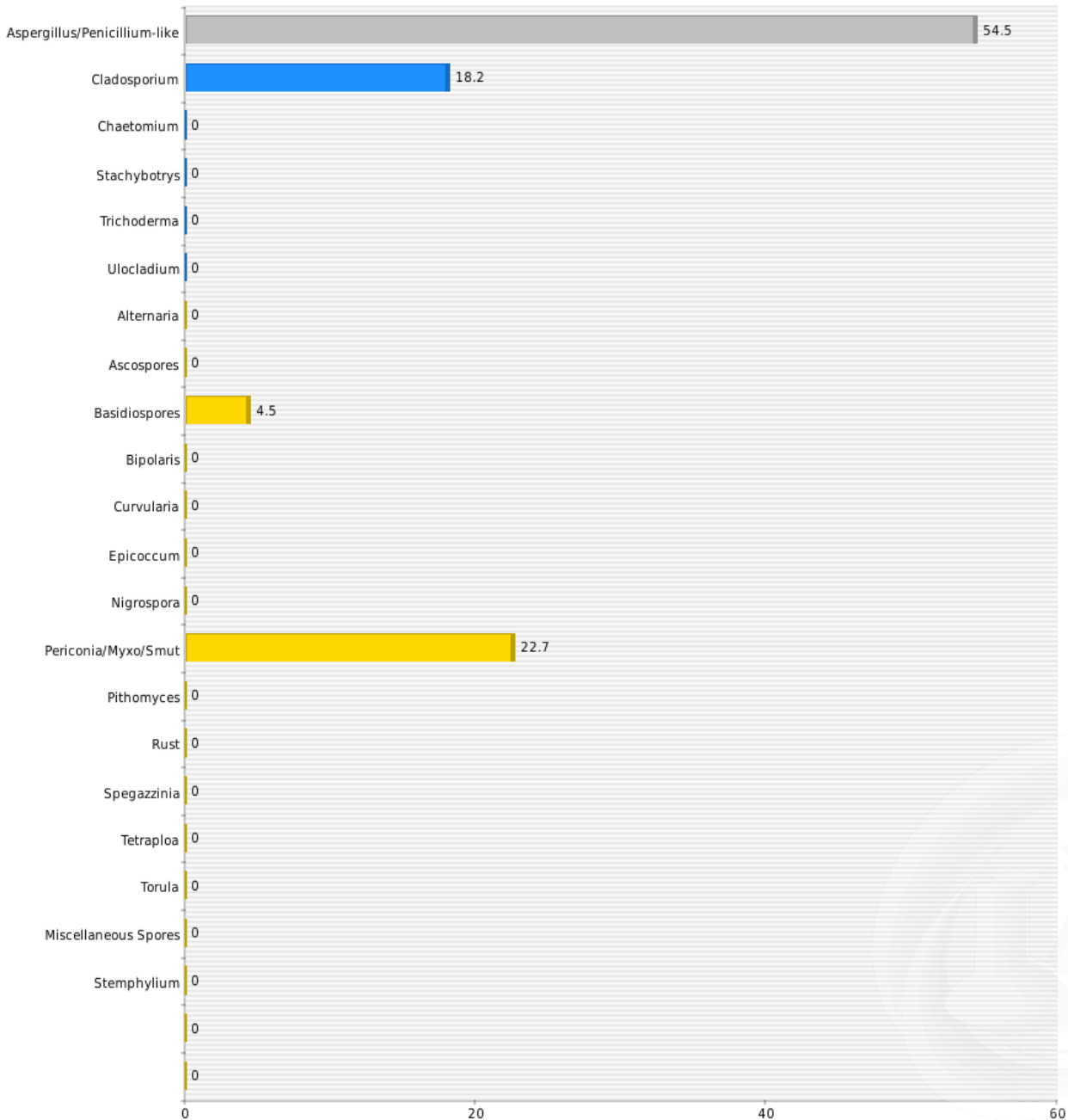
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111103

**Samples Received:** 13

**Samples Analyzed:** 13

### 1st Floor, Classroom 1 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

www.aihlab.com

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

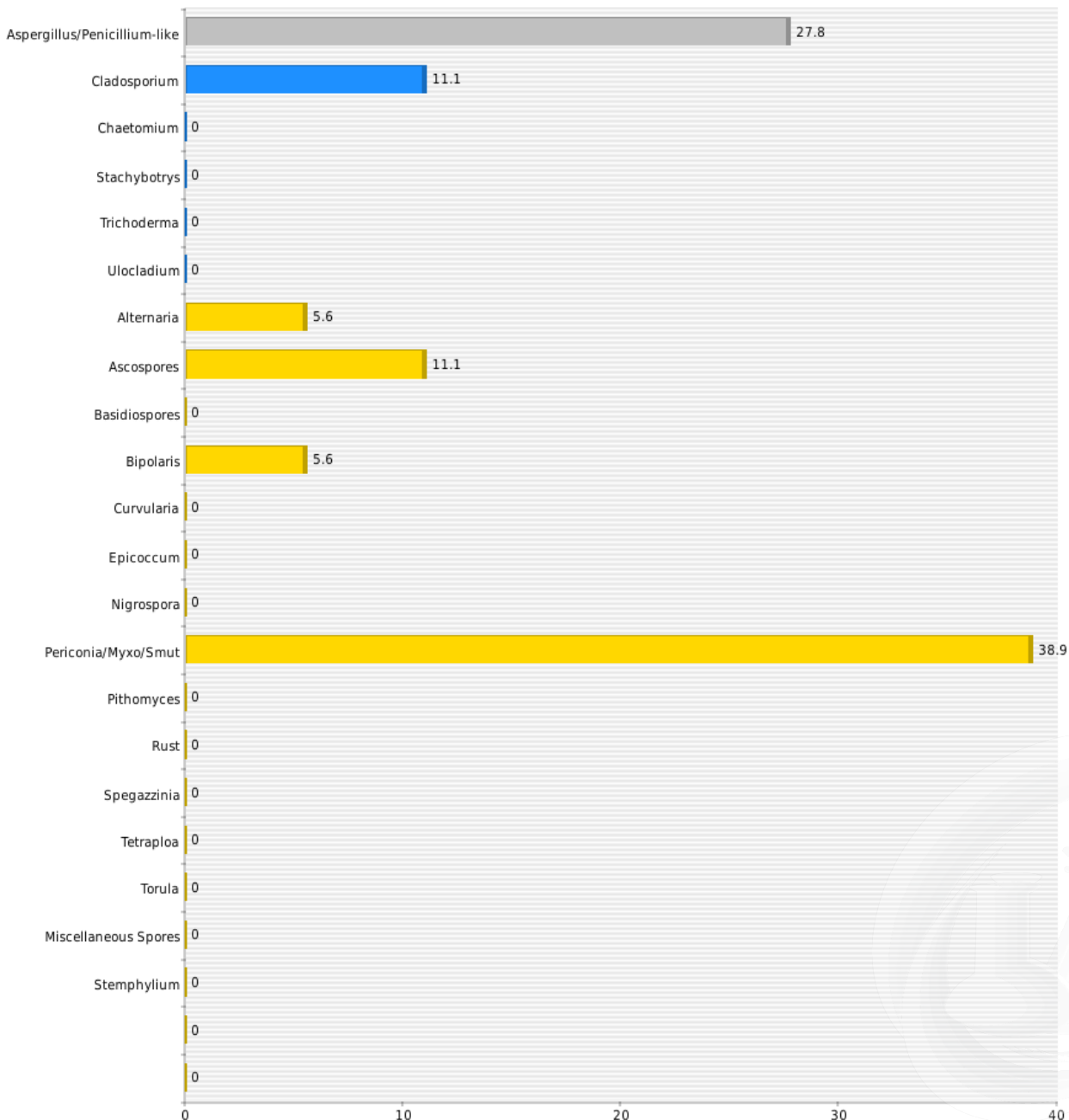
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111103

**Samples Received:** 13

**Samples Analyzed:** 13

### 1st Floor, Classroom 3 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

Phone: (562) 860-2201  
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2556 W Woodland Dr Anaheim, CA 92801

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

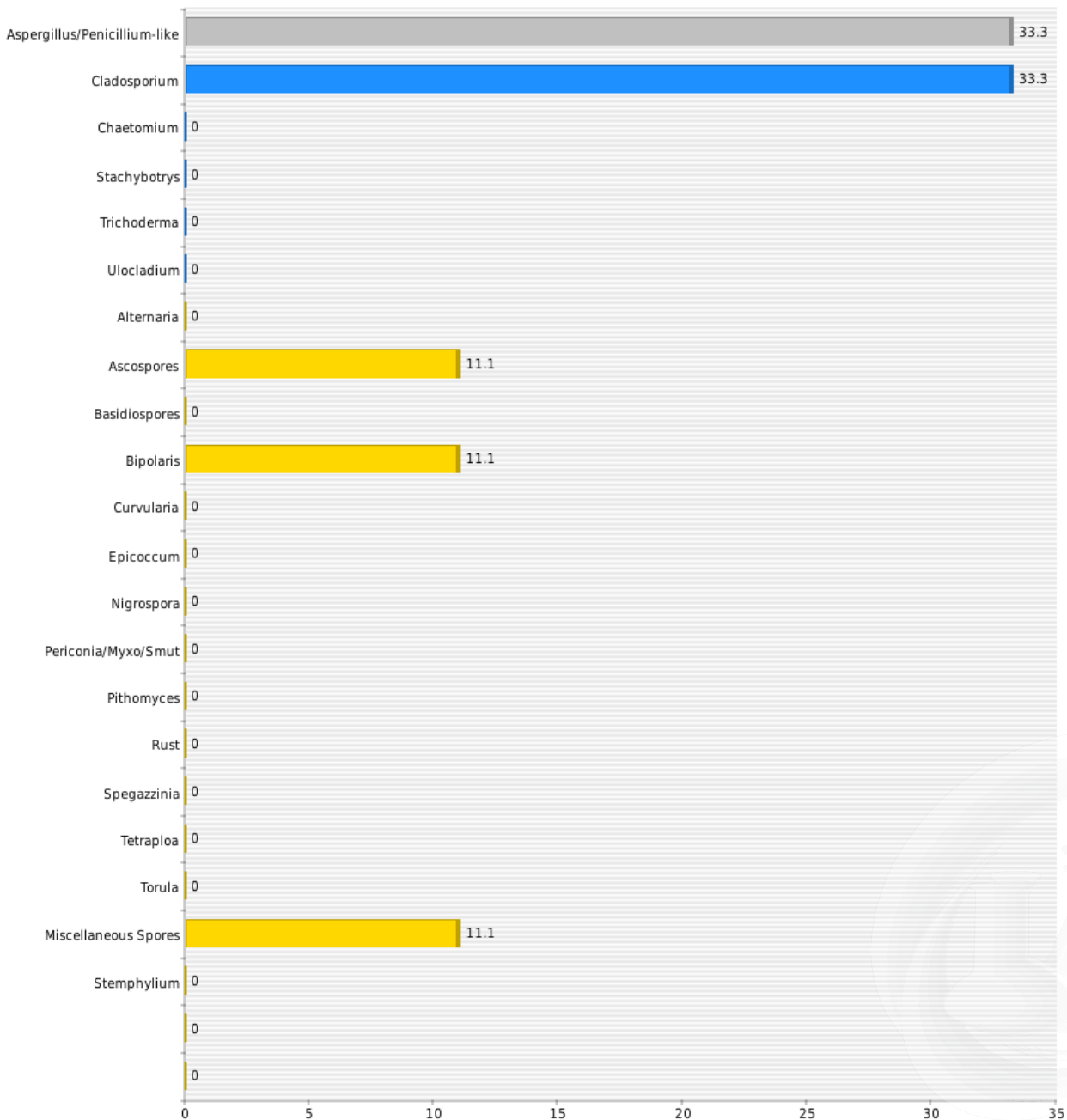
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111103

**Samples Received:** 13

**Samples Analyzed:** 13

### 1st Floor, Classroom 10 (Spore Percentage)







## MOLD AIR SAMPLE REPORT

Phone: (562) 860-2201  
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2556 W Woodland Dr Anaheim, CA 92801

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

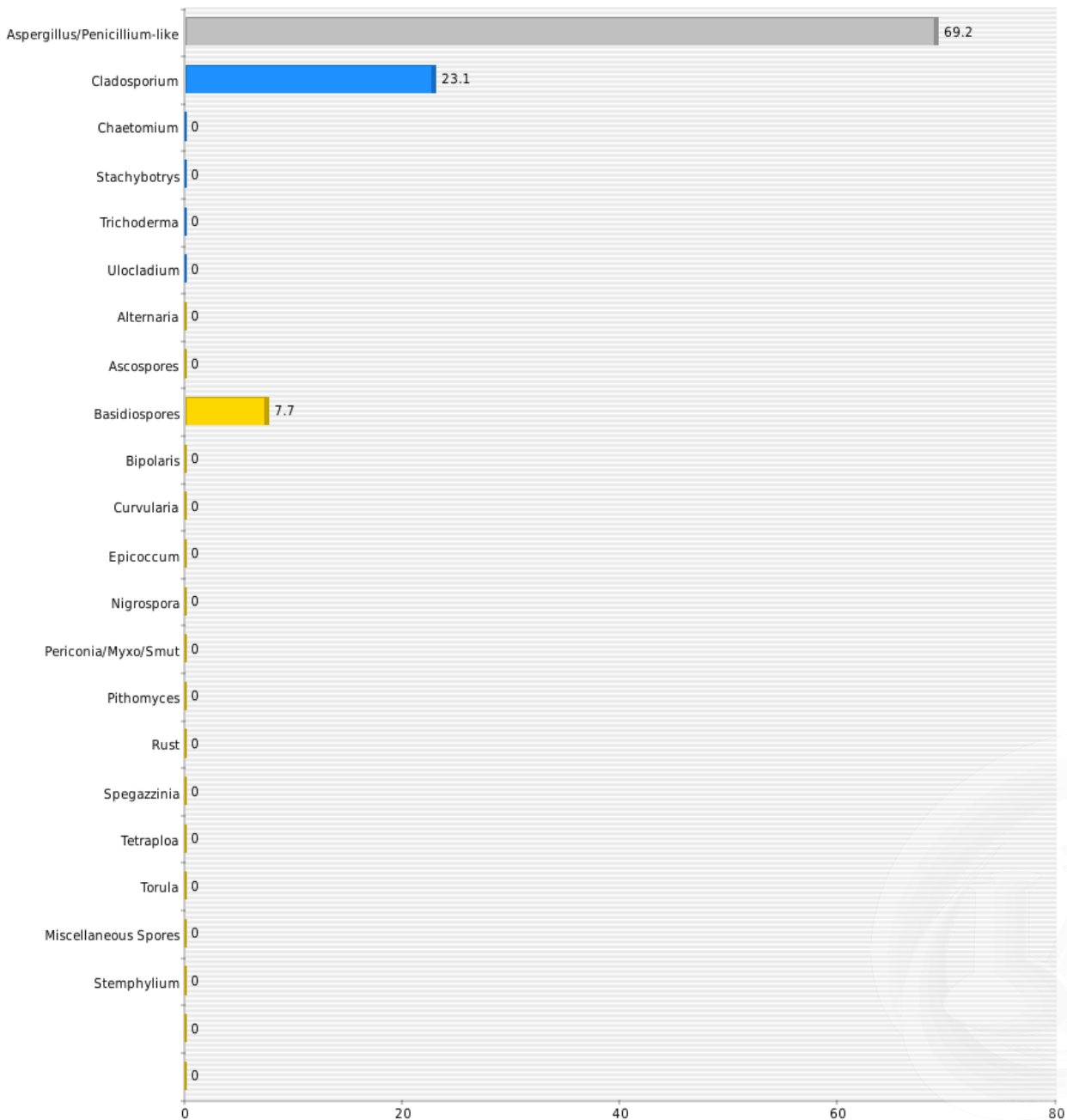
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111103

**Samples Received:** 13

**Samples Analyzed:** 13

1st Floor, Classroom 11 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

Phone: (562) 860-2201  
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2556 W Woodland Dr Anaheim, CA 92801

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

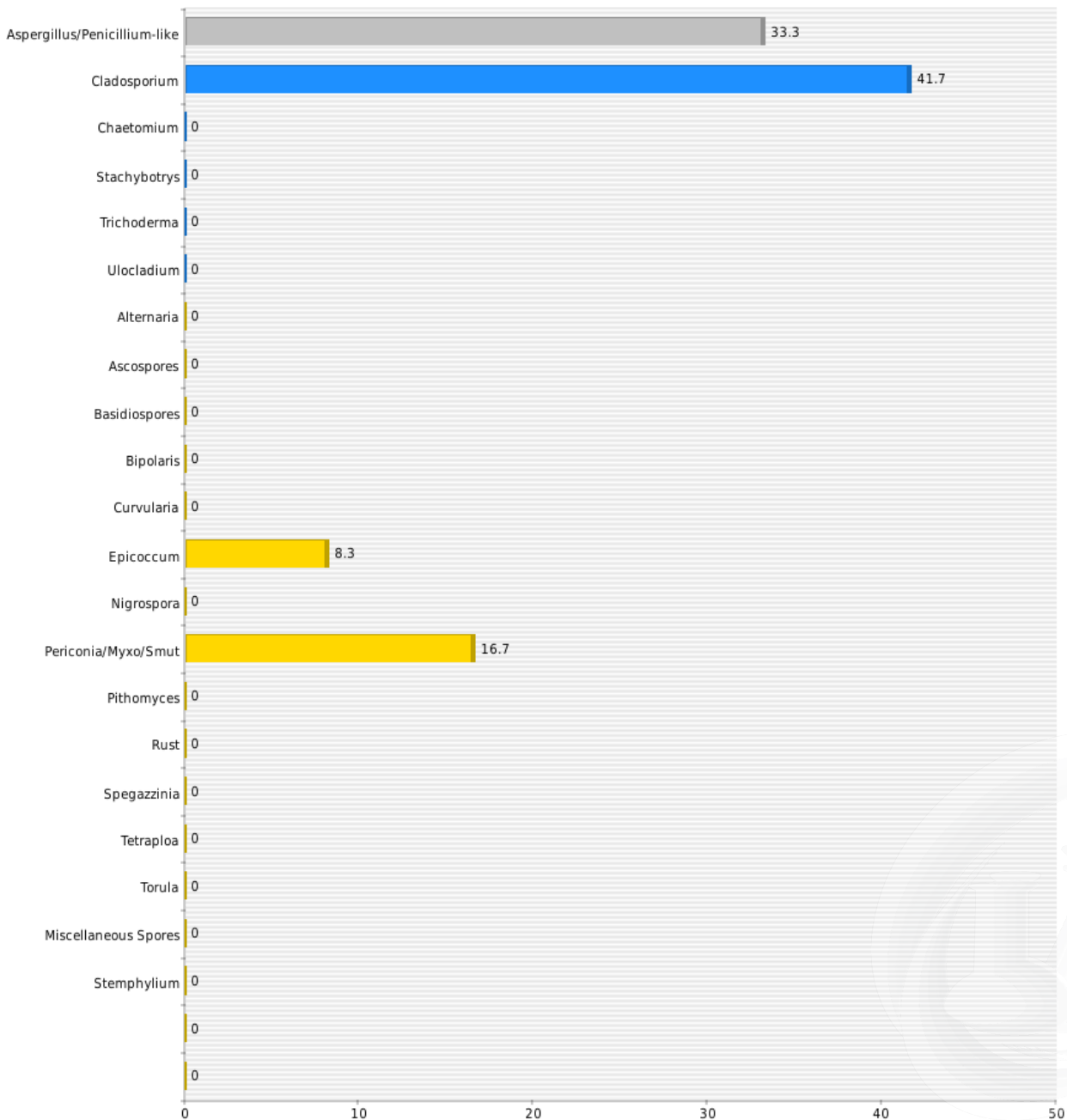
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111103

**Samples Received:** 13

**Samples Analyzed:** 13

### 1st Floor, Classroom 110-112 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

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2556 W Woodland Dr Anaheim, CA 92801

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

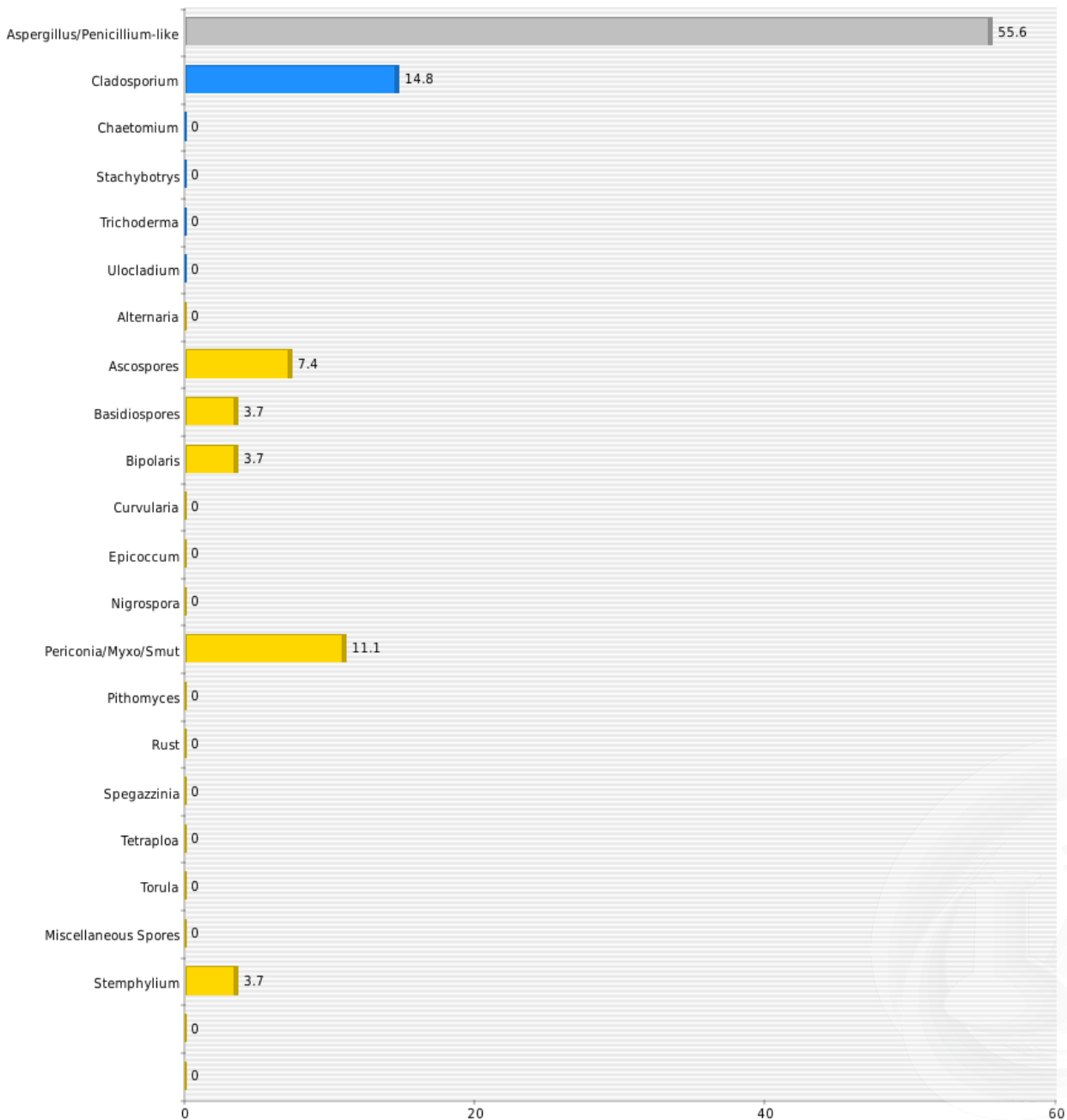
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111103

**Samples Received:** 13

**Samples Analyzed:** 13

1st Floor, Classroom 113-114 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

www.aihlab.com

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

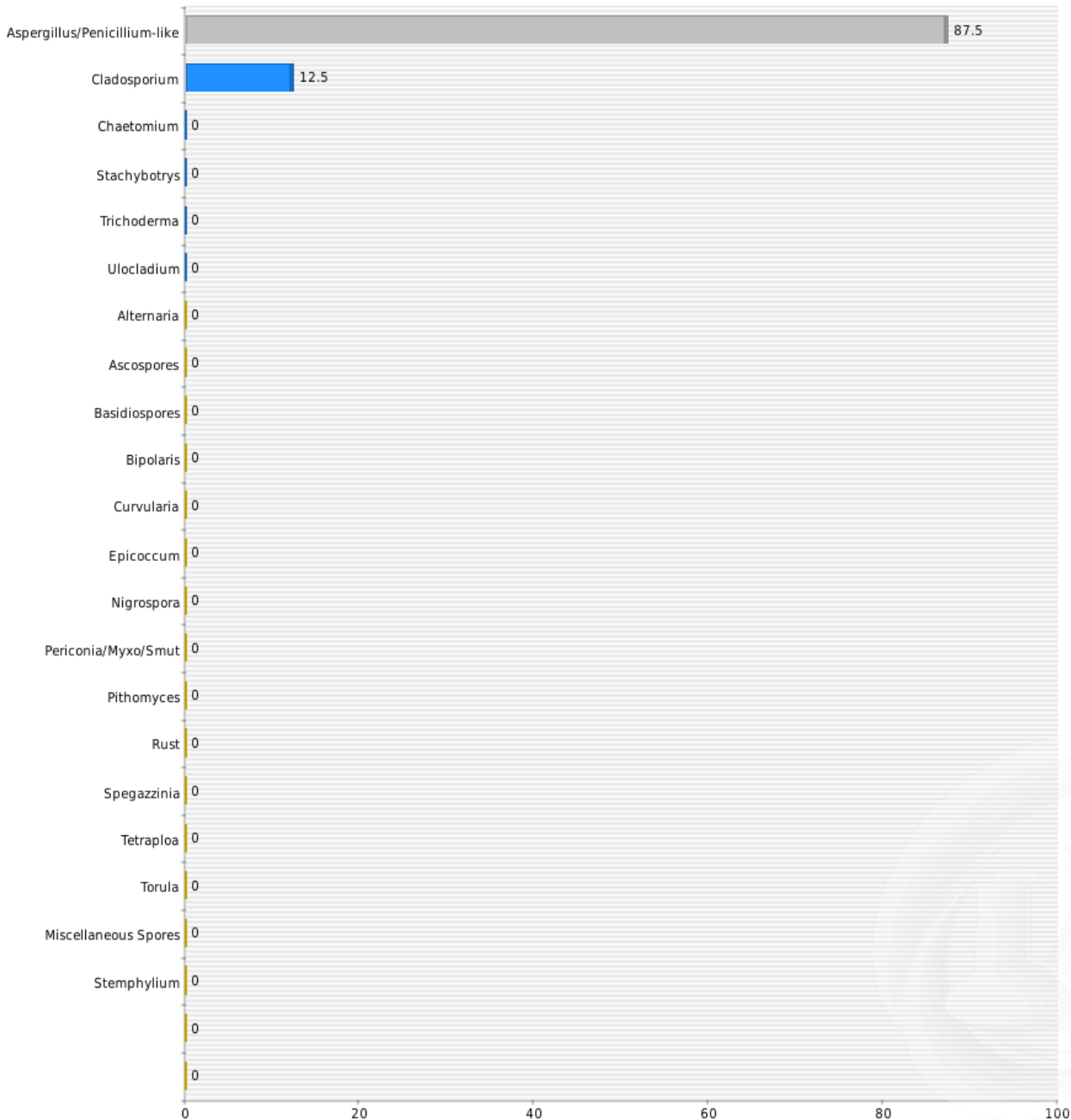
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111103

**Samples Received:** 13

**Samples Analyzed:** 13

### 1st Floor, Classroom 115 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

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**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

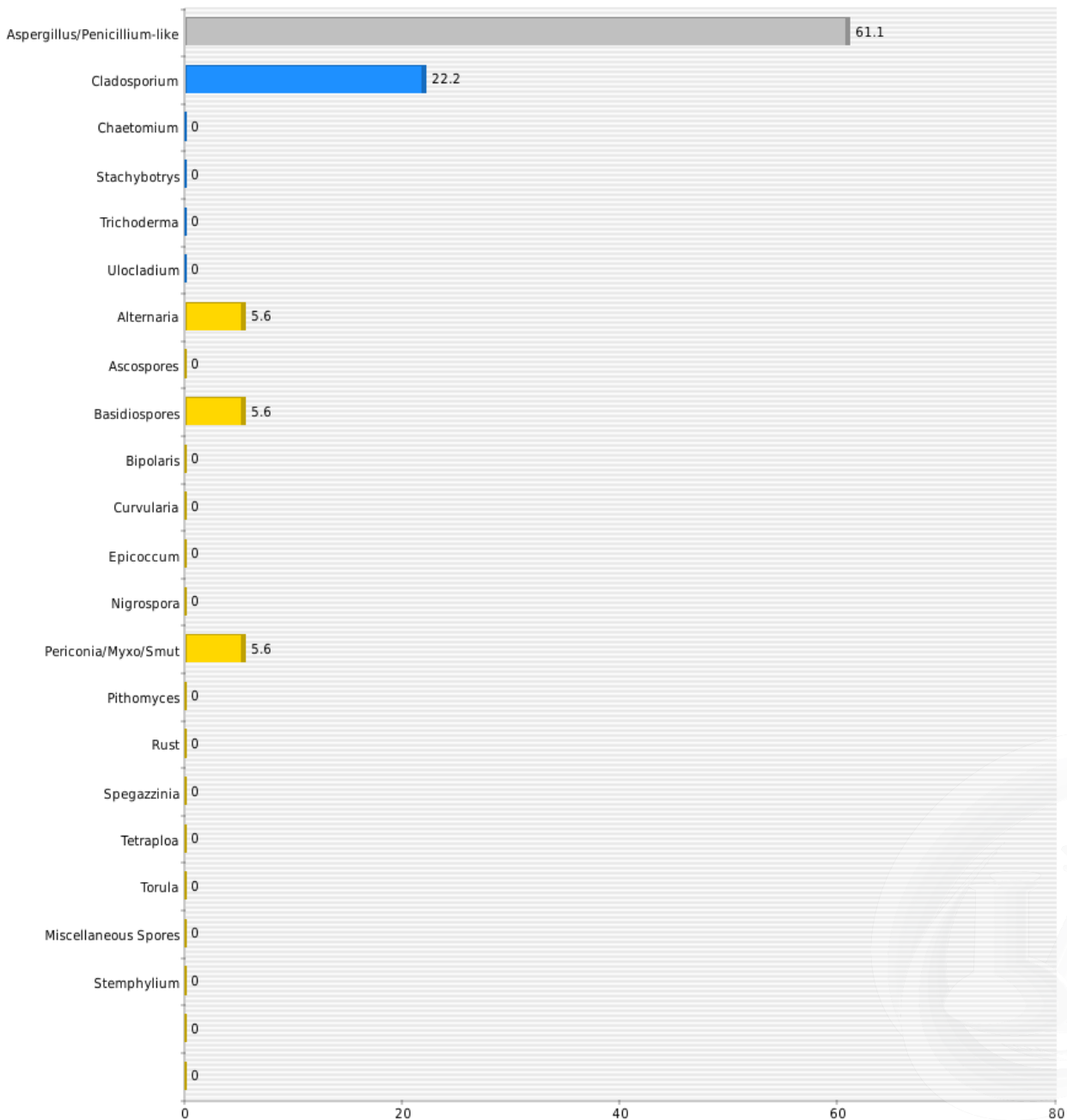
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111103

**Samples Received:** 13

**Samples Analyzed:** 13

### 1st Floor, Classroom 120 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

www.aihlab.com

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

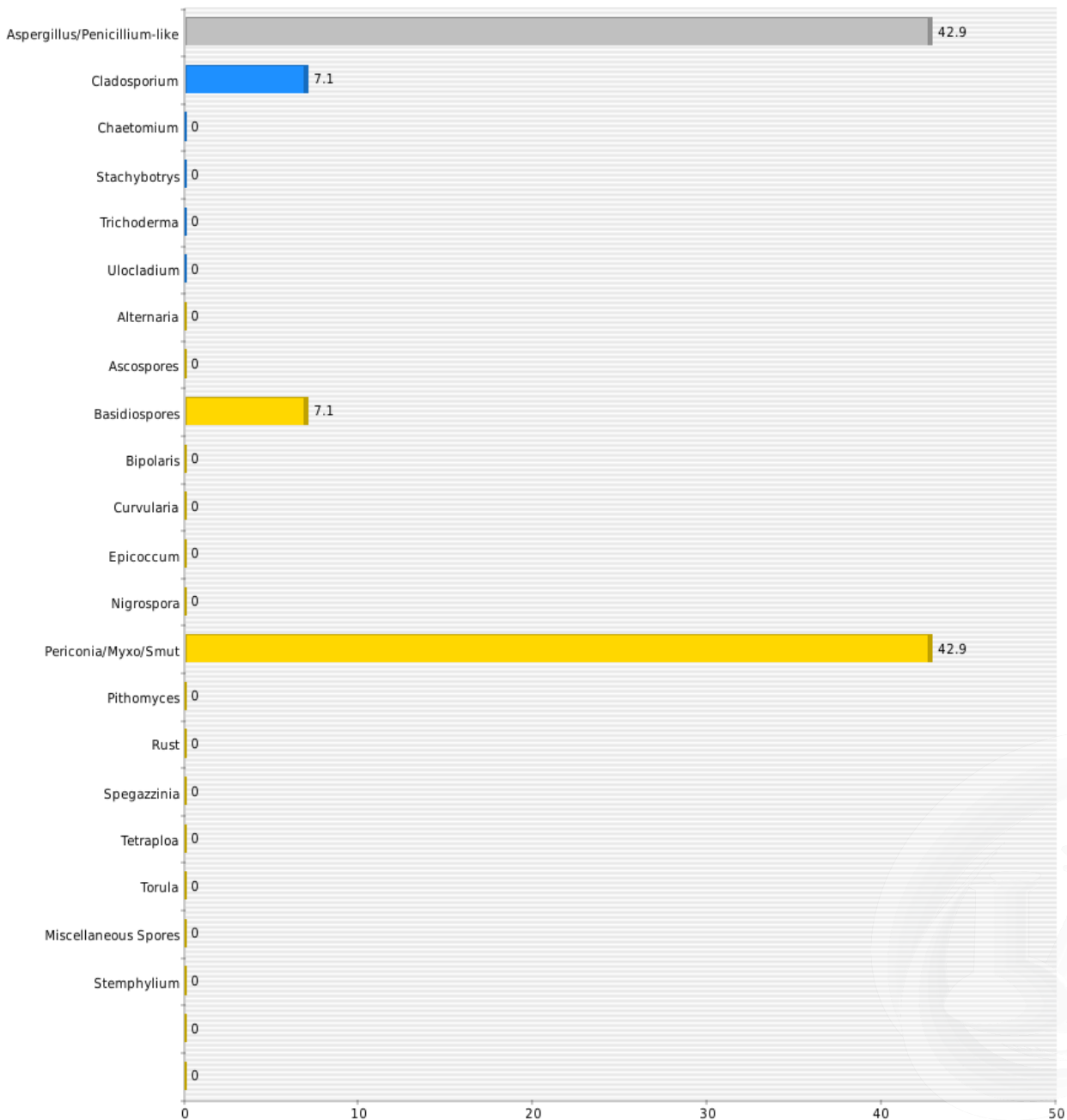
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111103

**Samples Received:** 13

**Samples Analyzed:** 13

### 1st Floor, Classroom 121 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

Phone: (562) 860-2201  
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2556 W Woodland Dr Anaheim, CA 92801

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

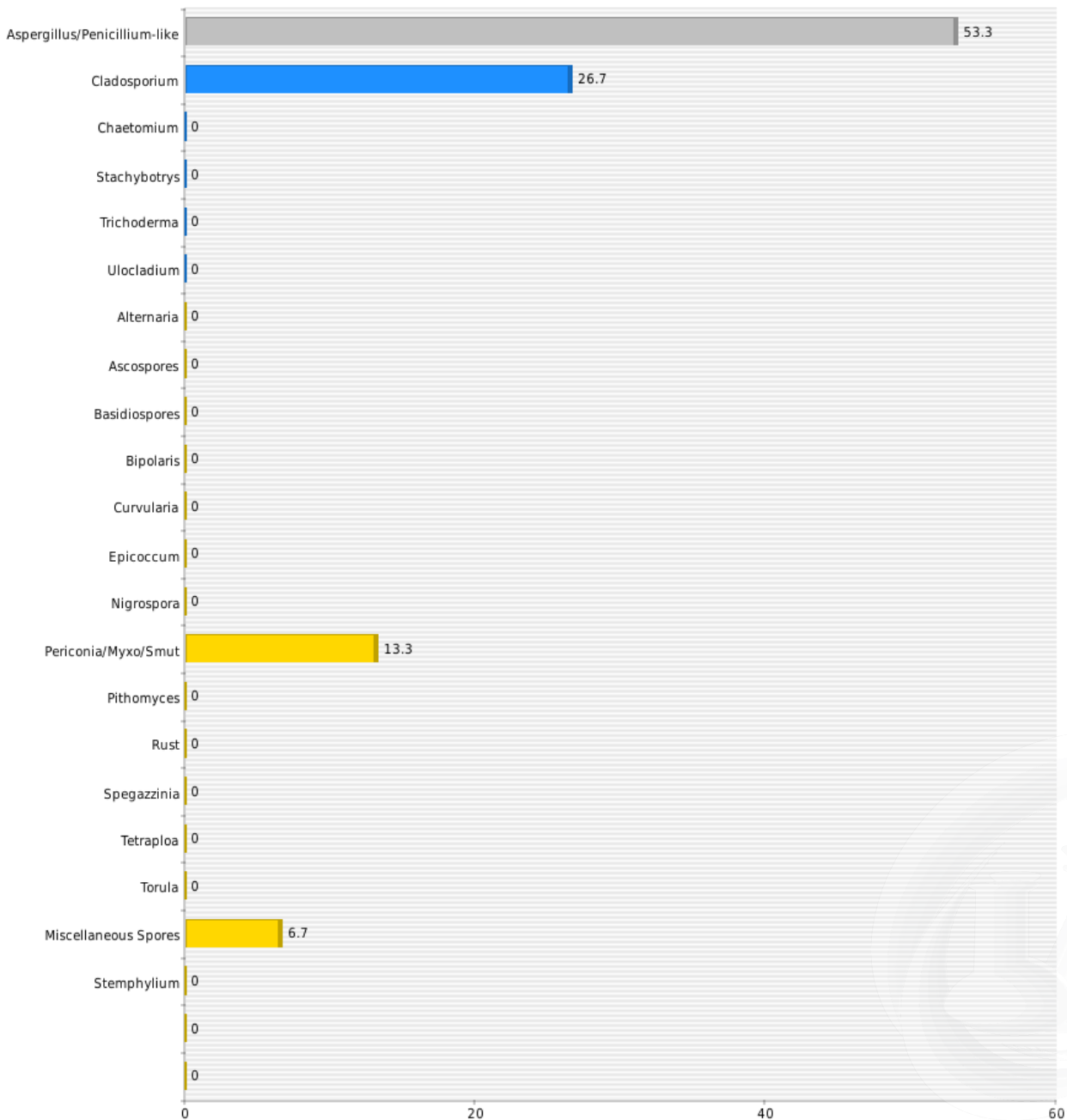
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111103

**Samples Received:** 13

**Samples Analyzed:** 13

### 1st Floor, Classroom 122 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

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**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

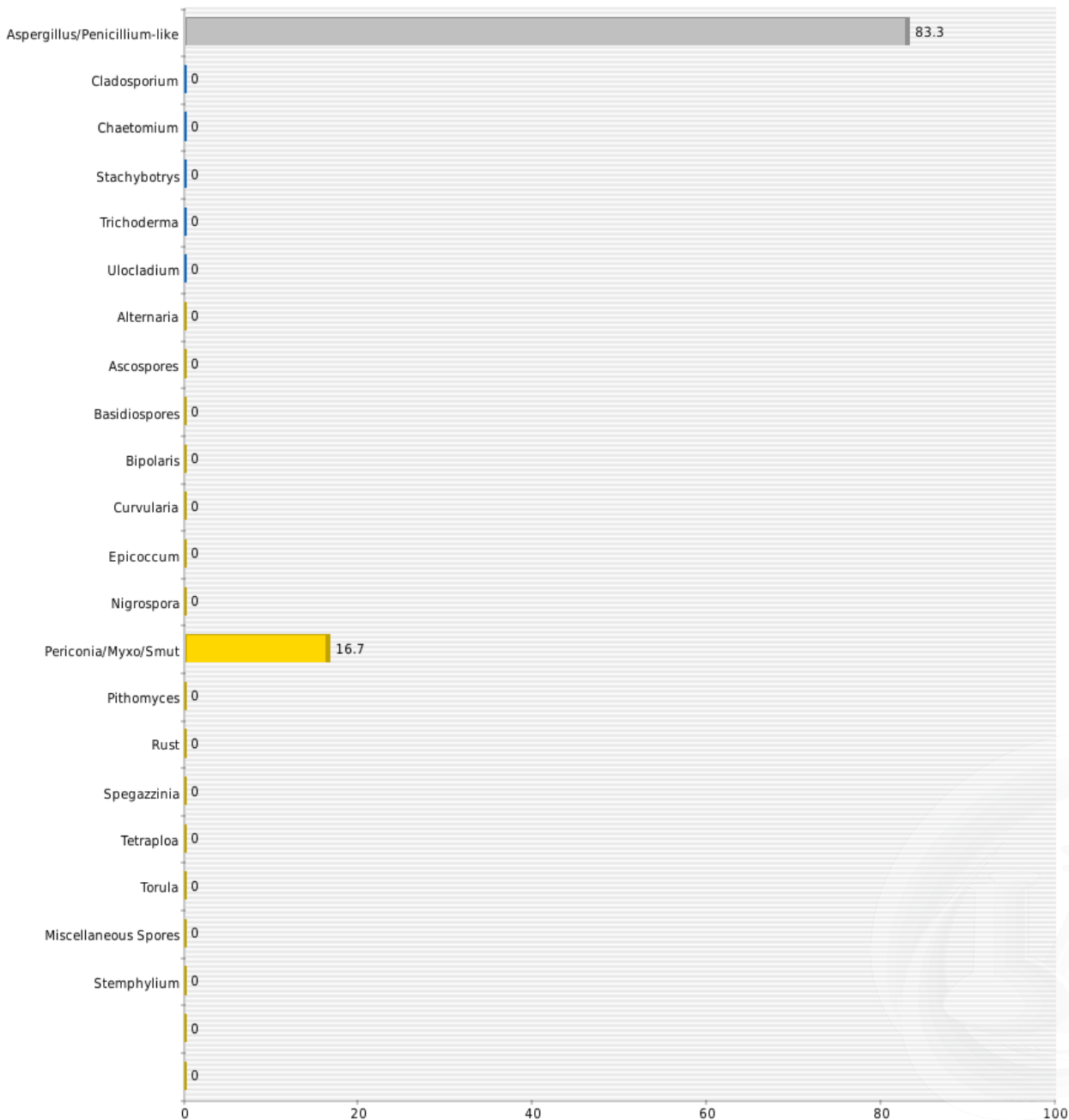
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111103

**Samples Received:** 13

**Samples Analyzed:** 13

### 1st Floor, Classroom 123 (Spore Percentage)







## MOLD AIR SAMPLE REPORT

Phone: (562) 860-2201  
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2556 W Woodland Dr Anaheim, CA 92801

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

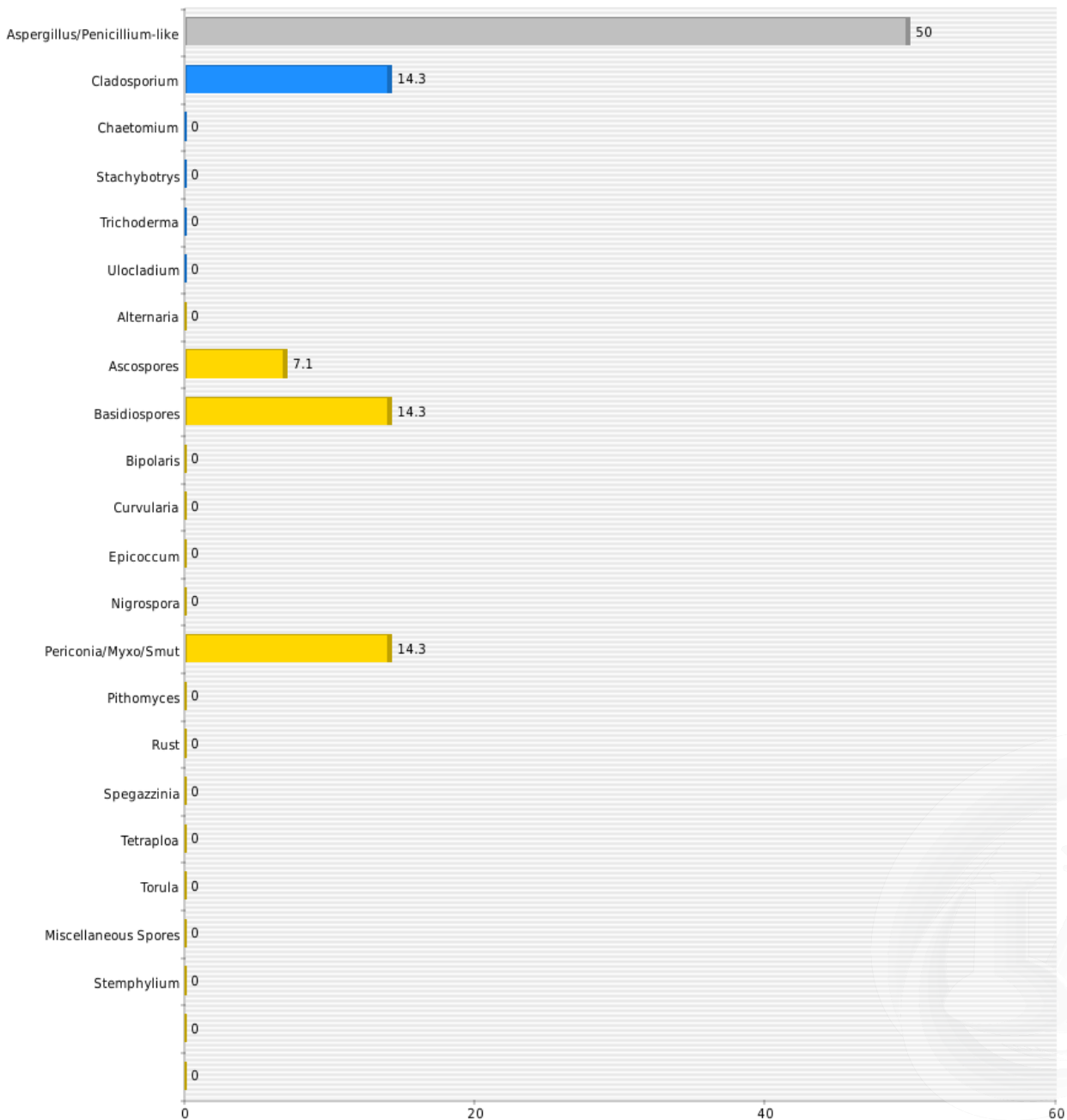
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111103

**Samples Received:** 13

**Samples Analyzed:** 13

**1st Floor, Classroom 124 (Spore Percentage)**





## MOLD AIR SAMPLE REPORT

Phone: (562) 860-2201  
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2556 W Woodland Dr Anaheim, CA 92801

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

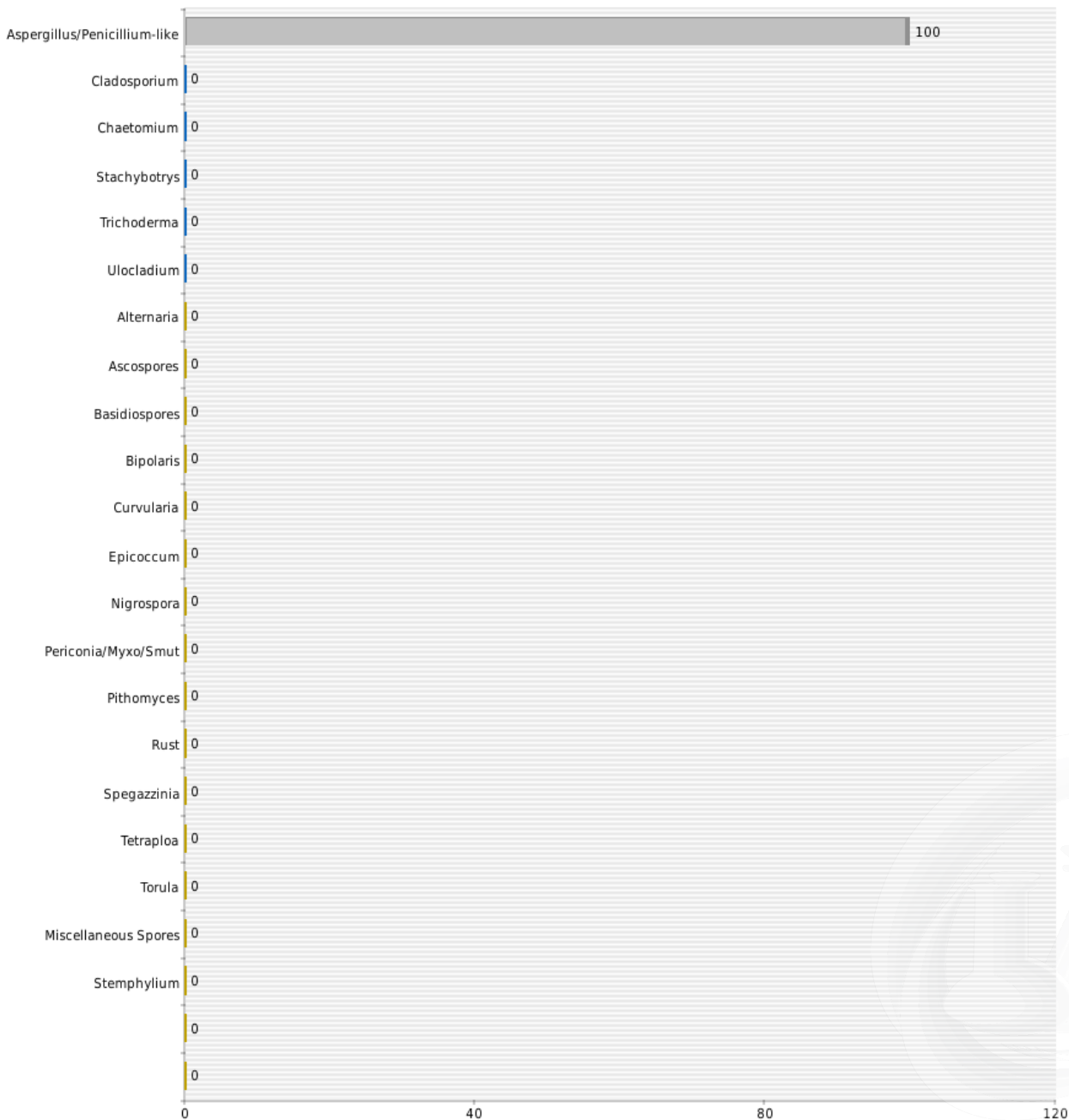
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111103

**Samples Received:** 13

**Samples Analyzed:** 13

### 1st Floor, Classroom 125 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

[www.aihlab.com](http://www.aihlab.com)

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

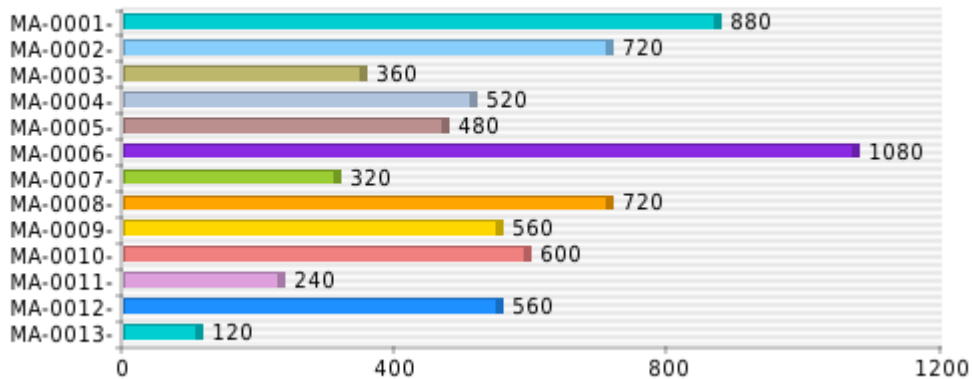
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111103

**Samples Received:** 13

**Samples Analyzed:** 13

### Spore Per Meter Cube





## MOLD AIR SAMPLE REPORT

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**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111103

**Samples Received:** 13

**Samples Analyzed:** 13

### Understanding Sampling and Laboratory Methodologies

Spore Trap Cassettes (Air Sampling media) are unique air sampling cassettes specifically designed for the rapid collection of a wide range of airborne aerosols including mold spores, pollen, insect parts, skin cell fragments, and inorganic particulate. The analytical results obtained from include both viable and non-viable spores. Some fungal groups produce similar spore types that are difficult to be distinguished only by direct microscopic examination like *Aspergillus/Penicillium*, or other identical spore. Similarly other spore types may lack distinguishing features that aid in their identification like hyphae. To avoid any confusion these types are grouped into larger categories such as Ascospores or Basidiospores.

#### *Examination Technique:*

AIH Laboratory Fungal Air Sample Reports data results are provided in spore counts per cubic meter of air. Fungal spores are identified and grouped by morphological characteristics including color, shape, size, and fruiting structures (if present) which are compared to published mycological identification keys and texts.

#### *Qualitative Analysis:*

It is difficult to precisely measure some analytical findings which aid in assessing the overall sample condition and density. Qualitative analysis is used to determine concentration of Skin Fragments, Background and Hyphal fragments. A number between 1-5 is used to rate the concentrations. Each number increase in rate adds a range of 1-20% Please understand that higher the number of skin fragments and background particle it may obscure small spore. Overloaded in comments indicate that sample failed to meet visibility density criteria and thus the quantitative analysis was not performed on the particular sample.

#### *Analysis:*

This data is gathered by visual and statistical analysis performed on the specimen. The quantitative data is adhered to strict quality control procedures. This strict quality is achieved by reanalyzing at least 10% of samples. The results from original analysis and re-read must be close with only minor variation. If results do not fall under minor variation criteria, then all samples must be analyzed again. The quantitative data is used to produce the final result in spore(s) per meter cube.

### About AIH Laboratory

AIH Laboratory is renowned laboratory located in Anaheim, CA. The staff at AIH Laboratory is recognized by State, Federal agencies and International Accrediting Bodies. AIH Laboratory employs sophisticated techniques, strong professional experience along with recognized testing procedures in the industry. AIH Laboratory participates in Inter-laboratory testing program with various national laboratories to ensure conformance with newly adapted technologies, research and methodologies. The samples received by AIH Laboratory are processed under strict quality control procedures to avoid any discrepancy in results. The data generated by the laboratory from the analytical observation of the specimens is presented in a format that is easily understood by anyone with a science background. An environmental expert will accurately interpret the data and findings detailed in this report.



# MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

www.aihlab.com

<b>Client Name:</b> A-Tech Consulting Inc	<b>Report Status:</b> Final Report
<b>Client Address:</b> 1640 N. Batavia Street, Orange, CA 92867	<b>AIHA EMPAT#:</b> 203769
<b>Project Number:</b> 211886	<b>Lab Batch Number:</b> 2111106
<b>Project Location:</b> 240 North Cerritos Avenue, Azusa, CA 91702	<b>Samples Received:</b> 24
	<b>Samples Analyzed:</b> 24

<b>Laboratory Sample ID:</b>	<b>211110601</b>	<b>211110602</b>	<b>211110603</b>
<b>Client Sample ID:</b>	<b>MA-0014</b>	<b>MA-0015</b>	<b>MA-0016</b>
<b>Sample Location:</b>	<b>1st Floor, Classroom 210</b>	<b>1st Floor, Classroom 211</b>	<b>1st Floor, Classroom 212</b>
<b>Comments:</b>	<i>None</i>	<i>None</i>	<i>None</i>

## Quantitative Analysis

		Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total
<b>Inside/Outside</b>	Aspergillus/Penicillium-like	43	1720	91.5	16	640	84.2	14	560	46.7
	Cladosporium	3	120	6.4	1	40	5.3	8	320	26.7
<b>Water Damage Indication</b>	Chaetomium	-	-	-	-	-	-	-	-	-
	Stachybotrys	-	-	-	-	-	-	-	-	-
	Trichoderma	-	-	-	-	-	-	-	-	-
	Ulocladium	-	-	-	-	-	-	-	-	-
	Alternaria	-	-	-	-	-	-	1	40	3.3
<b>Outdoor Environment</b>	Ascospores	-	-	-	-	-	-	-	-	-
	Basidiospores	1	40	2.1	-	-	-	2	80	6.7
	Bipolaris	-	-	-	2	80	10.5	-	-	-
	Curvularia	-	-	-	-	-	-	-	-	-
	Epicoccum	-	-	-	-	-	-	-	-	-
	Nigrospora	-	-	-	-	-	-	-	-	-
	Periconia/Myxo/Smut	-	-	-	-	-	-	4	160	13.3
	Pithomyces	-	-	-	-	-	-	-	-	-
	Rust	-	-	-	-	-	-	-	-	-
	Spegazzinia	-	-	-	-	-	-	-	-	-
	Tetraploa	-	-	-	-	-	-	-	-	-
	Torula	-	-	-	-	-	-	-	-	-
	Miscellaneous Spores	-	-	-	-	-	-	1	40	3.3
	Ganoderma	-	-	-	-	-	-	-	-	-
	Oidium	-	-	-	-	-	-	-	-	-
	<b>Total</b>	<b>47</b>	<b>1880</b>	<b>100</b>	<b>19</b>	<b>760</b>	<b>100</b>	<b>30</b>	<b>1200</b>	<b>100</b>



## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

www.aihlab.com

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111106

**Samples Received:** 24

**Samples Analyzed:** 24

<b>Laboratory Sample ID:</b>	<b>211110601</b>	<b>211110602</b>	<b>211110603</b>
<b>Client Sample ID:</b>	<b>MA-0014</b>	<b>MA-0015</b>	<b>MA-0016</b>
<b>Sample Location:</b>	<b>1st Floor, Classroom 210</b>	<b>1st Floor, Classroom 211</b>	<b>1st Floor, Classroom 212</b>

### Sample Collection Data

Total Time:			
Flow Rate:			
Volume:	75	75	75

### Qualitative Analysis

Skin Fragments- 1 to 5 (low to high):	2	2	2
Background/m3- 1 to 5 (low to high):	2	3	4
Hyphal Fragments- 1 to 5 (low to high):	1	1	1





# MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

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**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111106

**Samples Received:** 24

**Samples Analyzed:** 24

<b>Laboratory Sample ID:</b>	<b>211110604</b>	<b>211110605</b>	<b>211110606</b>
<b>Client Sample ID:</b>	<b>MA-0017</b>	<b>MA-0018</b>	<b>MA-0019</b>
<b>Sample Location:</b>	<b>1st Floor, Classroom 215</b>	<b>1st Floor, Classroom 131</b>	<b>1st Floor, Classroom 133</b>
<b>Comments:</b>	<i>None</i>	<i>None</i>	<i>None</i>

## Quantitative Analysis

		Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total
<b>Inside/Outside</b>	Aspergillus/Penicillium-like	10	400	58.8	19	760	67.9	8	320	32
	Cladosporium	-	-	-	4	160	14.3	7	280	28
<b>Water Damage Indication</b>	Chaetomium	-	-	-	-	-	-	-	-	-
	Stachybotrys	-	-	-	-	-	-	-	-	-
	Trichoderma	-	-	-	-	-	-	-	-	-
	Ulocladium	-	-	-	-	-	-	-	-	-
	Alternaria	-	-	-	-	-	-	-	-	-
<b>Outdoor Environment</b>	Ascospores	-	-	-	-	-	-	2	80	8
	Basidiospores	3	120	17.6	1	40	3.6	3	120	12
	Bipolaris	-	-	-	-	-	-	-	-	-
	Curvularia	-	-	-	-	-	-	-	-	-
	Epicoccum	-	-	-	-	-	-	-	-	-
	Nigrospora	-	-	-	-	-	-	-	-	-
	Periconia/Myxo/Smut	4	160	23.5	4	160	14.3	4	160	16
	Pithomyces	-	-	-	-	-	-	-	-	-
	Rust	-	-	-	-	-	-	-	-	-
	Spegazzinia	-	-	-	-	-	-	-	-	-
	Tetraploa	-	-	-	-	-	-	-	-	-
	Torula	-	-	-	-	-	-	-	-	-
	Miscellaneous Spores	-	-	-	-	-	-	1	40	4
	Ganoderma	-	-	-	-	-	-	-	-	-
	Oidium	-	-	-	-	-	-	-	-	-
	<b>Total</b>	<b>17</b>	<b>680</b>	<b>100</b>	<b>28</b>	<b>1120</b>	<b>100</b>	<b>25</b>	<b>1000</b>	<b>100</b>



## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

www.aihlab.com

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111106

**Samples Received:** 24

**Samples Analyzed:** 24

<b>Laboratory Sample ID:</b>	<b>211110604</b>	<b>211110605</b>	<b>211110606</b>
<b>Client Sample ID:</b>	<b>MA-0017</b>	<b>MA-0018</b>	<b>MA-0019</b>
<b>Sample Location:</b>	<b>1st Floor, Classroom 215</b>	<b>1st Floor, Classroom 131</b>	<b>1st Floor, Classroom 133</b>

### Sample Collection Data

Total Time:			
Flow Rate:			
Volume:	75	75	75

### Qualitative Analysis

Skin Fragments- 1 to 5 (low to high):	1	2	2
Background/m3- 1 to 5 (low to high):	2	3	4
Hyphal Fragments- 1 to 5 (low to high):	1	1	1







# MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

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<b>Client Name:</b> A-Tech Consulting Inc	<b>Report Status:</b> Final Report
<b>Client Address:</b> 1640 N. Batavia Street, Orange, CA 92867	<b>AIHA EMPAT#:</b> 203769
<b>Project Number:</b> 211886	<b>Lab Batch Number:</b> 2111106
<b>Project Location:</b> 240 North Cerritos Avenue, Azusa, CA 91702	<b>Samples Received:</b> 24
	<b>Samples Analyzed:</b> 24

<b>Laboratory Sample ID:</b>	<b>211110607</b>	<b>211110608</b>	<b>211110609</b>
<b>Client Sample ID:</b>	<b>MA-0020</b>	<b>MA-0021</b>	<b>MA-0022</b>
<b>Sample Location:</b>	<b>1st Floor, Classroom 220</b>	<b>1st Floor, Classroom 221</b>	<b>1st Floor, Classroom 222</b>
<b>Comments:</b>	<i>None</i>	<i>None</i>	<i>None</i>

## Quantitative Analysis

		Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total
<b>Inside/Outside</b>	Aspergillus/Penicillium-like	8	320	57.1	6	240	42.9	28	1120	77.8
	Cladosporium	2	80	14.3	6	240	42.9	5	200	13.9
<b>Water Damage Indication</b>	Chaetomium	-	-	-	-	-	-	-	-	-
	Stachybotrys	-	-	-	-	-	-	-	-	-
	Trichoderma	-	-	-	-	-	-	-	-	-
	Ulocladium	-	-	-	-	-	-	-	-	-
<b>Outdoor Environment</b>	Alternaria	1	40	7.1	-	-	-	-	-	-
	Ascospores	1	40	7.1	-	-	-	-	-	-
	Basidiospores	-	-	-	-	-	-	2	80	5.6
	Bipolaris	-	-	-	-	-	-	-	-	-
	Curvularia	-	-	-	-	-	-	-	-	-
	Epicoccum	-	-	-	-	-	-	-	-	-
	Nigrospora	1	40	7.1	-	-	-	-	-	-
	Periconia/Myxo/Smut	1	40	7.1	2	80	14.3	1	40	2.8
	Pithomyces	-	-	-	-	-	-	-	-	-
	Rust	-	-	-	-	-	-	-	-	-
	Spegazzinia	-	-	-	-	-	-	-	-	-
	Tetraploa	-	-	-	-	-	-	-	-	-
	Torula	-	-	-	-	-	-	-	-	-
	Miscellaneous Spores	-	-	-	-	-	-	-	-	-
	Ganoderma	-	-	-	-	-	-	-	-	-
	Oidium	-	-	-	-	-	-	-	-	-
<b>Total</b>		<b>14</b>	<b>560</b>	<b>100</b>	<b>14</b>	<b>560</b>	<b>100</b>	<b>36</b>	<b>1440</b>	<b>100</b>



## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

www.aihlab.com

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111106

**Samples Received:** 24

**Samples Analyzed:** 24

<b>Laboratory Sample ID:</b>	<b>211110607</b>	<b>211110608</b>	<b>211110609</b>
<b>Client Sample ID:</b>	<b>MA-0020</b>	<b>MA-0021</b>	<b>MA-0022</b>
<b>Sample Location:</b>	<b>1st Floor, Classroom 220</b>	<b>1st Floor, Classroom 221</b>	<b>1st Floor, Classroom 222</b>

### Sample Collection Data

Total Time:			
Flow Rate:			
Volume:	75	75	75

### Qualitative Analysis

Skin Fragments- 1 to 5 (low to high):	1	2	2
Background/m3- 1 to 5 (low to high):	2	3	3
Hyphal Fragments- 1 to 5 (low to high):	1	1	1





# MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

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<b>Client Name:</b> A-Tech Consulting Inc	<b>Report Status:</b> Final Report
<b>Client Address:</b> 1640 N. Batavia Street, Orange, CA 92867	<b>AIHA EMPAT#:</b> 203769
<b>Project Number:</b> 211886	<b>Lab Batch Number:</b> 2111106
<b>Project Location:</b> 240 North Cerritos Avenue, Azusa, CA 91702	<b>Samples Received:</b> 24
	<b>Samples Analyzed:</b> 24

<b>Laboratory Sample ID:</b>	<b>211110610</b>	<b>211110611</b>	<b>211110612</b>
<b>Client Sample ID:</b>	<b>MA-0023</b>	<b>MA-0024</b>	<b>MA-0025</b>
<b>Sample Location:</b>	<b>1st Floor, Classroom 223</b>	<b>1st Floor, Classroom 225</b>	<b>1st Floor, Classroom 135</b>
<b>Comments:</b>	<i>None</i>	<i>None</i>	<i>None</i>

## Quantitative Analysis

		Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total
<b>Inside/Outside</b>	Aspergillus/Penicillium-like	19	760	76	6	240	54.5	5	200	83.3
	Cladosporium	3	120	12	2	80	18.2	-	-	-
<b>Water Damage Indication</b>	Chaetomium	-	-	-	-	-	-	-	-	-
	Stachybotrys	-	-	-	-	-	-	-	-	-
	Trichoderma	-	-	-	-	-	-	-	-	-
	Ulocladium	-	-	-	-	-	-	-	-	-
<b>Outdoor Environment</b>	Alternaria	1	40	4	-	-	-	-	-	-
	Ascospores	-	-	-	1	40	9.1	-	-	-
	Basidiospores	1	40	4	1	40	9.1	-	-	-
	Bipolaris	-	-	-	-	-	-	-	-	-
	Curvularia	-	-	-	-	-	-	-	-	-
	Epicoccum	-	-	-	-	-	-	1	40	16.7
	Nigrospora	-	-	-	-	-	-	-	-	-
	Periconia/Myxo/Smut	-	-	-	1	40	9.1	-	-	-
	Pithomyces	-	-	-	-	-	-	-	-	-
	Rust	-	-	-	-	-	-	-	-	-
	Spegazzinia	-	-	-	-	-	-	-	-	-
	Tetraploa	-	-	-	-	-	-	-	-	-
	Torula	-	-	-	-	-	-	-	-	-
	Miscellaneous Spores	1	40	4	-	-	-	-	-	-
	Ganoderma	-	-	-	-	-	-	-	-	-
	Oidium	-	-	-	-	-	-	-	-	-
<b>Total</b>		<b>25</b>	<b>1000</b>	<b>100</b>	<b>11</b>	<b>440</b>	<b>100</b>	<b>6</b>	<b>240</b>	<b>100</b>



## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

www.aihlab.com

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111106

**Samples Received:** 24

**Samples Analyzed:** 24

<b>Laboratory Sample ID:</b>	<b>211110610</b>	<b>211110611</b>	<b>211110612</b>
<b>Client Sample ID:</b>	<b>MA-0023</b>	<b>MA-0024</b>	<b>MA-0025</b>
<b>Sample Location:</b>	<b>1st Floor, Classroom 223</b>	<b>1st Floor, Classroom 225</b>	<b>1st Floor, Classroom 135</b>

### Sample Collection Data

Total Time:			
Flow Rate:			
Volume:	75	75	75

### Qualitative Analysis

Skin Fragments- 1 to 5 (low to high):	2	2	2
Background/m3- 1 to 5 (low to high):	3	2	3
Hyphal Fragments- 1 to 5 (low to high):	1	1	1





## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

www.aihlab.com

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**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111106

**Samples Received:** 24

**Samples Analyzed:** 24

<b>Laboratory Sample ID:</b>	<b>211110613</b>	<b>211110614</b>	<b>211110615</b>
<b>Client Sample ID:</b>	<b>MA-0026</b>	<b>MA-0027</b>	<b>MA-0028</b>
<b>Sample Location:</b>	<b>1st Floor, Classroom 231</b>	<b>1st Floor, Classroom 232</b>	<b>1st Floor, Classroom 233</b>
<b>Comments:</b>	<i>None</i>	<i>None</i>	<i>None</i>

### Quantitative Analysis

		Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total
<b>Inside/Outside</b>	Aspergillus/Penicillium-like	4	160	80	8	320	34.8	2	80	16.7
	Cladosporium	-	-	-	5	200	21.7	1	40	8.3
<b>Water Damage Indication</b>	Chaetomium	-	-	-	-	-	-	-	-	-
	Stachybotrys	-	-	-	-	-	-	-	-	-
	Trichoderma	-	-	-	-	-	-	-	-	-
	Ulocladium	-	-	-	-	-	-	-	-	-
<b>Outdoor Environment</b>	Alternaria	-	-	-	-	-	-	-	-	-
	Ascospores	1	40	20	-	-	-	1	40	8.3
	Basidiospores	-	-	-	8	320	34.8	3	120	25
	Bipolaris	-	-	-	-	-	-	2	80	16.7
	Curvularia	-	-	-	-	-	-	-	-	-
	Epicoccum	-	-	-	1	40	4.3	-	-	-
	Nigrospora	-	-	-	1	40	4.3	-	-	-
	Periconia/Myxo/Smut	-	-	-	-	-	-	2	80	16.7
	Pithomyces	-	-	-	-	-	-	-	-	-
	Rust	-	-	-	-	-	-	-	-	-
	Spegazzinia	-	-	-	-	-	-	-	-	-
	Tetraploa	-	-	-	-	-	-	-	-	-
	Torula	-	-	-	-	-	-	-	-	-
	Miscellaneous Spores	-	-	-	-	-	-	-	-	-
	Ganoderma	-	-	-	-	-	-	1	40	8.3
	Oidium	-	-	-	-	-	-	-	-	-
<b>Total</b>		<b>5</b>	<b>200</b>	<b>100</b>	<b>23</b>	<b>920</b>	<b>100</b>	<b>12</b>	<b>480</b>	<b>100</b>



## MOLD AIR SAMPLE REPORT

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**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111106

**Samples Received:** 24

**Samples Analyzed:** 24

<b>Laboratory Sample ID:</b>	<b>211110613</b>	<b>211110614</b>	<b>211110615</b>
<b>Client Sample ID:</b>	<b>MA-0026</b>	<b>MA-0027</b>	<b>MA-0028</b>
<b>Sample Location:</b>	<b>1st Floor, Classroom 231</b>	<b>1st Floor, Classroom 232</b>	<b>1st Floor, Classroom 233</b>

### Sample Collection Data

Total Time:			
Flow Rate:			
Volume:	75	75	75

### Qualitative Analysis

Skin Fragments- 1 to 5 (low to high):	1	2	1
Background/m3- 1 to 5 (low to high):	2	3	3
Hyphal Fragments- 1 to 5 (low to high):	1	1	1





# MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

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<b>Client Name:</b> A-Tech Consulting Inc	<b>Report Status:</b> Final Report
<b>Client Address:</b> 1640 N. Batavia Street, Orange, CA 92867	<b>AIHA EMPAT#:</b> 203769
<b>Project Number:</b> 211886	<b>Lab Batch Number:</b> 2111106
<b>Project Location:</b> 240 North Cerritos Avenue, Azusa, CA 91702	<b>Samples Received:</b> 24
	<b>Samples Analyzed:</b> 24

<b>Laboratory Sample ID:</b>	<b>211110616</b>	<b>211110617</b>	<b>211110618</b>
<b>Client Sample ID:</b>	<b>MA-0029</b>	<b>MA-0030</b>	<b>MA-0031</b>
<b>Sample Location:</b>	<b>1st Floor, Classroom 234</b>	<b>1st Floor, Classroom 4</b>	<b>1st Floor, Classroom 5</b>
<b>Comments:</b>	<i>None</i>	<i>None</i>	<i>None</i>

## Quantitative Analysis

		Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total
<b>Inside/Outside</b>	Aspergillus/Penicillium-like	15	600	28.3	20	800	46.5	3	120	6.3
	Cladosporium	7	280	13.2	19	760	44.2	27	1080	56.3
<b>Water Damage Indication</b>	Chaetomium	-	-	-	-	-	-	-	-	-
	Stachybotrys	-	-	-	-	-	-	-	-	-
	Trichoderma	-	-	-	-	-	-	-	-	-
	Ulocladium	-	-	-	-	-	-	-	-	-
<b>Outdoor Environment</b>	Alternaria	2	80	3.8	-	-	-	1	40	2.1
	Ascospores	2	80	3.8	2	80	4.7	4	160	8.3
	Basidiospores	1	40	1.9	-	-	-	3	120	6.3
	Bipolaris	-	-	-	1	40	2.3	-	-	-
	Curvularia	-	-	-	-	-	-	-	-	-
	Epicoccum	1	40	1.9	-	-	-	-	-	-
	Nigrospora	-	-	-	-	-	-	-	-	-
	Periconia/Myxo/Smut	24	960	45.3	1	40	2.3	5	200	10.4
	Pithomyces	-	-	-	-	-	-	-	-	-
	Rust	-	-	-	-	-	-	-	-	-
	Spegazzinia	-	-	-	-	-	-	-	-	-
	Tetraploa	-	-	-	-	-	-	-	-	-
	Torula	-	-	-	-	-	-	1	40	2.1
	Miscellaneous Spores	-	-	-	-	-	-	2	80	4.2
	Ganoderma	1	-	-	-	-	-	2	80	4.2
	Oidium	1	40	1.9	-	-	-	-	-	-
<b>Total</b>		<b>54</b>	<b>2120</b>	<b>100</b>	<b>43</b>	<b>1720</b>	<b>100</b>	<b>48</b>	<b>1920</b>	<b>100</b>



## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

www.aihlab.com

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111106

**Samples Received:** 24

**Samples Analyzed:** 24

<b>Laboratory Sample ID:</b>	<b>211110616</b>	<b>211110617</b>	<b>211110618</b>
<b>Client Sample ID:</b>	<b>MA-0029</b>	<b>MA-0030</b>	<b>MA-0031</b>
<b>Sample Location:</b>	<b>1st Floor, Classroom 234</b>	<b>1st Floor, Classroom 4</b>	<b>1st Floor, Classroom 5</b>

### Sample Collection Data

Total Time:			
Flow Rate:			
Volume:	75	75	75

### Qualitative Analysis

Skin Fragments- 1 to 5 (low to high):	2	2	3
Background/m3- 1 to 5 (low to high):	4	4	4
Hyphal Fragments- 1 to 5 (low to high):	2	2	1







## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

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**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111106

**Samples Received:** 24

**Samples Analyzed:** 24

<b>Laboratory Sample ID:</b>	<b>211110619</b>	<b>211110620</b>	<b>211110621</b>
<b>Client Sample ID:</b>	<b>MA-0032</b>	<b>MA-0033</b>	<b>MA-0034</b>
<b>Sample Location:</b>	<b>1st Floor, Classroom 7</b>	<b>1st Floor, Classroom 8</b>	<b>1st Floor, Classroom 310</b>
<b>Comments:</b>	<i>None</i>	<i>None</i>	<i>None</i>

### Quantitative Analysis

		Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total
<b>Inside/Outside</b>	Aspergillus/Penicillium-like	9	360	69.2	31	1240	12.5	5	200	50.0
	Cladosporium	-	-	-	189	7560	76.2	5	200	50.0
<b>Water Damage Indication</b>	Chaetomium	-	-	-	-	-	-	-	-	-
	Stachybotrys	-	-	-	-	-	-	-	-	-
	Trichoderma	-	-	-	-	-	-	-	-	-
	Ulocladium	-	-	-	-	-	-	-	-	-
<b>Outdoor Environment</b>	Alternaria	-	-	-	-	-	-	-	-	-
	Ascospores	-	-	-	5	200	2.0	-	-	-
	Basidiospores	3	120	23.1	5	200	2.0	-	-	-
	Bipolaris	-	-	-	3	120	1.2	-	-	-
	Curvularia	-	-	-	1	40	0.4	-	-	-
	Epicoccum	-	-	-	1	40	0.4	-	-	-
	Nigrospora	-	-	-	-	-	-	-	-	-
	Periconia/Myxo/Smut	1	40	7.7	11	440	4.4	-	-	-
	Pithomyces	-	-	-	-	-	-	-	-	-
	Rust	-	-	-	-	-	-	-	-	-
	Spegazzinia	-	-	-	-	-	-	-	-	-
	Tetraploa	-	-	-	-	-	-	-	-	-
	Torula	-	-	-	-	-	-	-	-	-
	Miscellaneous Spores	-	-	-	2	80	0.8	-	-	-
	Ganoderma	-	-	-	-	-	-	-	-	-
	Oidium	-	-	-	-	-	-	-	-	-
<b>Total</b>		<b>13</b>	<b>520</b>	<b>100</b>	<b>248</b>	<b>9920</b>	<b>100</b>	<b>10</b>	<b>400</b>	<b>100</b>



## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

www.aihlab.com

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111106

**Samples Received:** 24

**Samples Analyzed:** 24

<b>Laboratory Sample ID:</b>	<b>211110619</b>	<b>211110620</b>	<b>211110621</b>
<b>Client Sample ID:</b>	<b>MA-0032</b>	<b>MA-0033</b>	<b>MA-0034</b>
<b>Sample Location:</b>	<b>1st Floor, Classroom 7</b>	<b>1st Floor, Classroom 8</b>	<b>1st Floor, Classroom 310</b>

### Sample Collection Data

Total Time:			
Flow Rate:			
Volume:	75	75	75

### Qualitative Analysis

Skin Fragments- 1 to 5 (low to high):	2	2	1
Background/m3- 1 to 5 (low to high):	3	4	2
Hyphal Fragments- 1 to 5 (low to high):	1	1	1





# MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

www.aihlab.com

<b>Client Name:</b> A-Tech Consulting Inc	<b>Report Status:</b> Final Report
<b>Client Address:</b> 1640 N. Batavia Street, Orange, CA 92867	<b>AIHA EMPAT#:</b> 203769
<b>Project Number:</b> 211886	<b>Lab Batch Number:</b> 2111106
<b>Project Location:</b> 240 North Cerritos Avenue, Azusa, CA 91702	<b>Samples Received:</b> 24
	<b>Samples Analyzed:</b> 24

<b>Laboratory Sample ID:</b>	<b>211110622</b>	<b>211110623</b>	<b>211110624</b>
<b>Client Sample ID:</b>	<b>MA-0035</b>	<b>MA-0036</b>	<b>MA-0037</b>
<b>Sample Location:</b>	<b>1st Floor, Classroom 313</b>	<b>1st Floor, Classroom 315</b>	<b>1st Floor, Classroom 325</b>
<b>Comments:</b>	<i>None</i>	<i>None</i>	<i>None</i>

## Quantitative Analysis

		Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total
<b>Inside/Outside</b>	Aspergillus/Penicillium-like	7	280	43.8	9	360	47.4	10	400	40.0
	Cladosporium	5	200	31.3	4	160	21.1	12	480	48.0
<b>Water Damage Indication</b>	Chaetomium	-	-	-	-	-	-	-	-	-
	Stachybotrys	-	-	-	-	-	-	-	-	-
	Trichoderma	-	-	-	-	-	-	-	-	-
	Ulocladium	-	-	-	-	-	-	-	-	-
	Alternaria	-	-	-	-	-	-	-	-	-
<b>Outdoor Environment</b>	Ascospores	1	40	6.3	1	40	5.3	-	-	-
	Basidiospores	2	80	12.5	2	80	10.5	1	40	4.0
	Bipolaris	-	-	-	-	-	-	-	-	-
	Curvularia	-	-	-	-	-	-	-	-	-
	Epicoccum	1	40	6.3	-	-	-	-	-	-
	Nigrospora	-	-	-	-	-	-	-	-	-
	Periconia/Myxo/Smut	-	-	-	3	120	15.8	2	80	8.0
	Pithomyces	-	-	-	-	-	-	-	-	-
	Rust	-	-	-	-	-	-	-	-	-
	Spegazzinia	-	-	-	-	-	-	-	-	-
	Tetraploa	-	-	-	-	-	-	-	-	-
	Torula	-	-	-	-	-	-	-	-	-
	Miscellaneous Spores	-	-	-	-	-	-	-	-	-
	Ganoderma	-	-	-	-	-	-	-	-	-
	Oidium	-	-	-	-	-	-	-	-	-
	<b>Total</b>	<b>16</b>	<b>640</b>	<b>100</b>	<b>19</b>	<b>760</b>	<b>100</b>	<b>25</b>	<b>1000</b>	<b>100</b>



## MOLD AIR SAMPLE REPORT

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**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111106

**Samples Received:** 24

**Samples Analyzed:** 24

<b>Laboratory Sample ID:</b>	<b>211110622</b>	<b>211110623</b>	<b>211110624</b>
<b>Client Sample ID:</b>	<b>MA-0035</b>	<b>MA-0036</b>	<b>MA-0037</b>
<b>Sample Location:</b>	<b>1st Floor, Classroom 313</b>	<b>1st Floor, Classroom 315</b>	<b>1st Floor, Classroom 325</b>

### Sample Collection Data

Total Time:			
Flow Rate:			
Volume:	75	75	75

### Qualitative Analysis

Skin Fragments- 1 to 5 (low to high):	1	1	1
Background/m3- 1 to 5 (low to high):	3	2	3
Hyphal Fragments- 1 to 5 (low to high):	1	1	1

**Analyzed by:** Emily Chang

**Signature:** 

**Date:** 07-16-2021

**Reviewed by:** Zubair Ahmed

**Signature:** 

**Date:** 07-16-2021

No accepted regulatory standards currently exist by which to assess the health risks related to mold exposure. Molds have been associated with a variety of health effects and sensitivity varies from person to person. Results are not blank corrected unless otherwise noted. The detection limit is equal to one fungal spore, structure, pollen, fiber particle or insect fragment. High levels of background particulate can obscure spores and other particulates leading to underestimation. "-" Denotes not detected. Background levels of 4 or 5 indicate an overload of background particulates, prohibiting accurate detection and quantification. AIH Laboratory maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by AIH Laboratory. AIH Laboratory bears no responsibility for sample collection activities or analytical method limitations. Spores/m<sup>3</sup> calculation based on volume information provided by client. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted. All report format and design are copyright of AIH Laboratory 2021.

AIHA LAP, LLC Accredited Laboratory for Microbiology Laboratory ISO/IEC 17025:2005, Lab ID# 203769



## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

www.aihlab.com

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

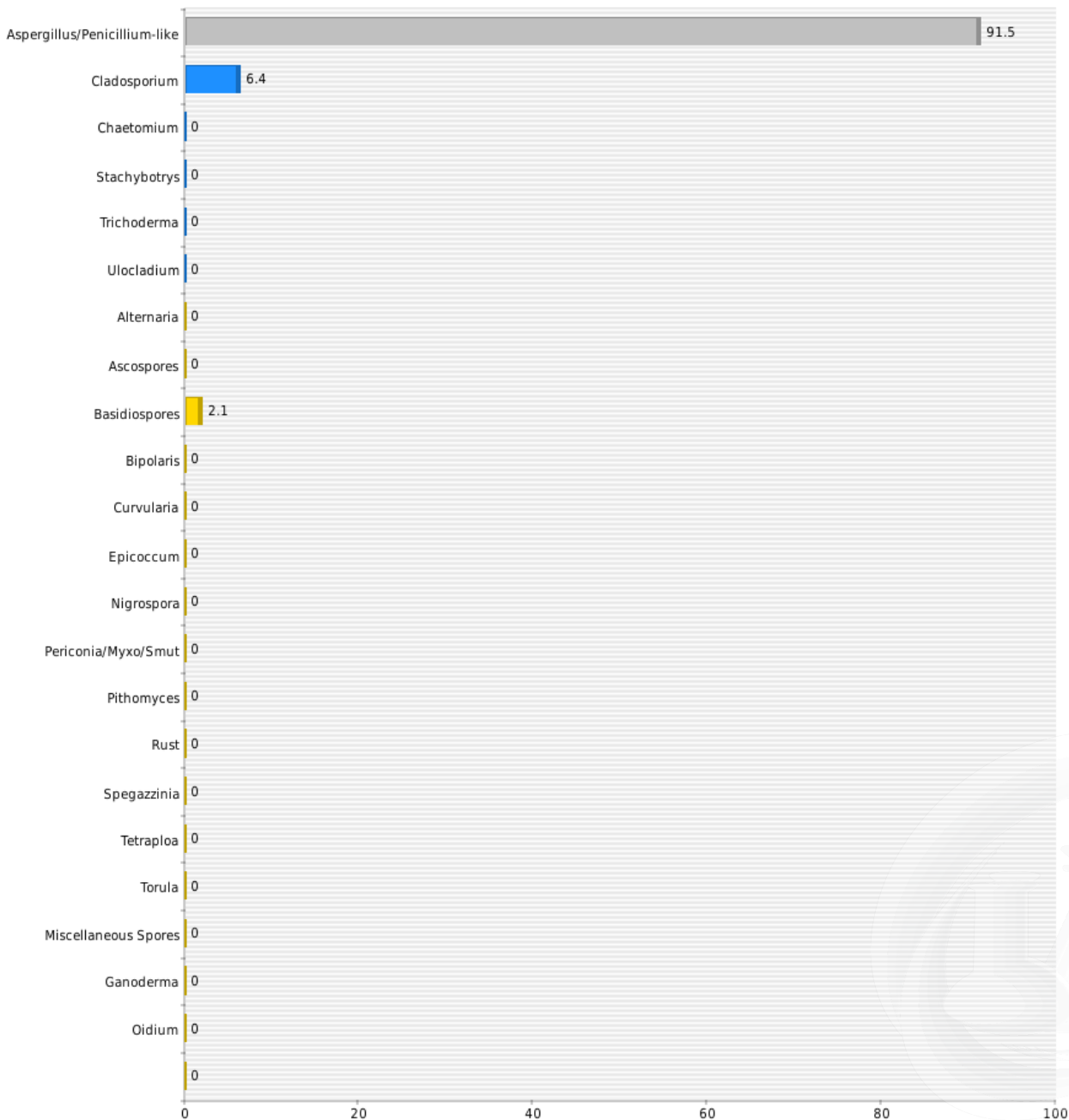
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111106

**Samples Received:** 24

**Samples Analyzed:** 24

### 1st Floor, Classroom 210 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

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**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

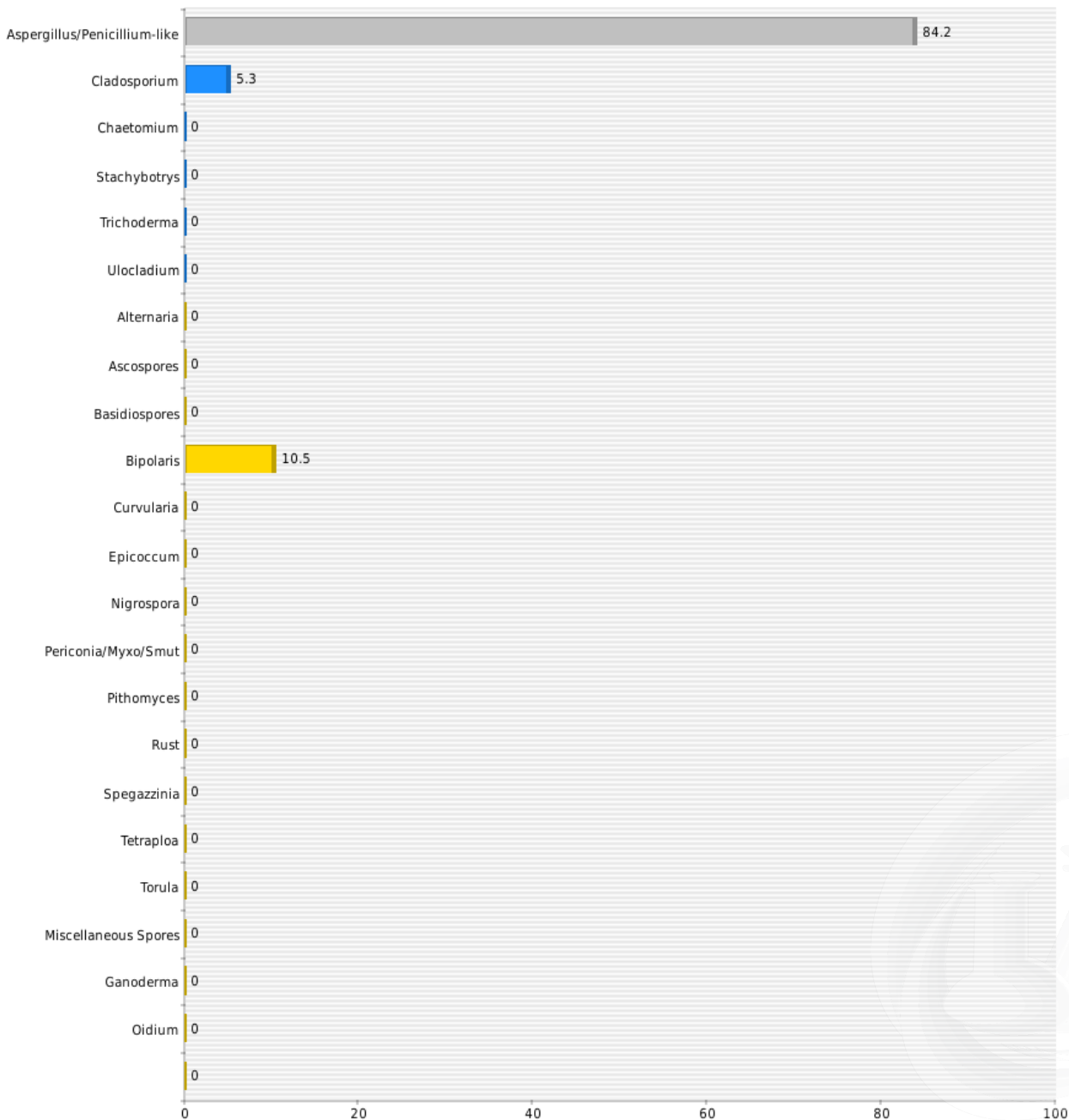
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111106

**Samples Received:** 24

**Samples Analyzed:** 24

### 1st Floor, Classroom 211 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

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**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

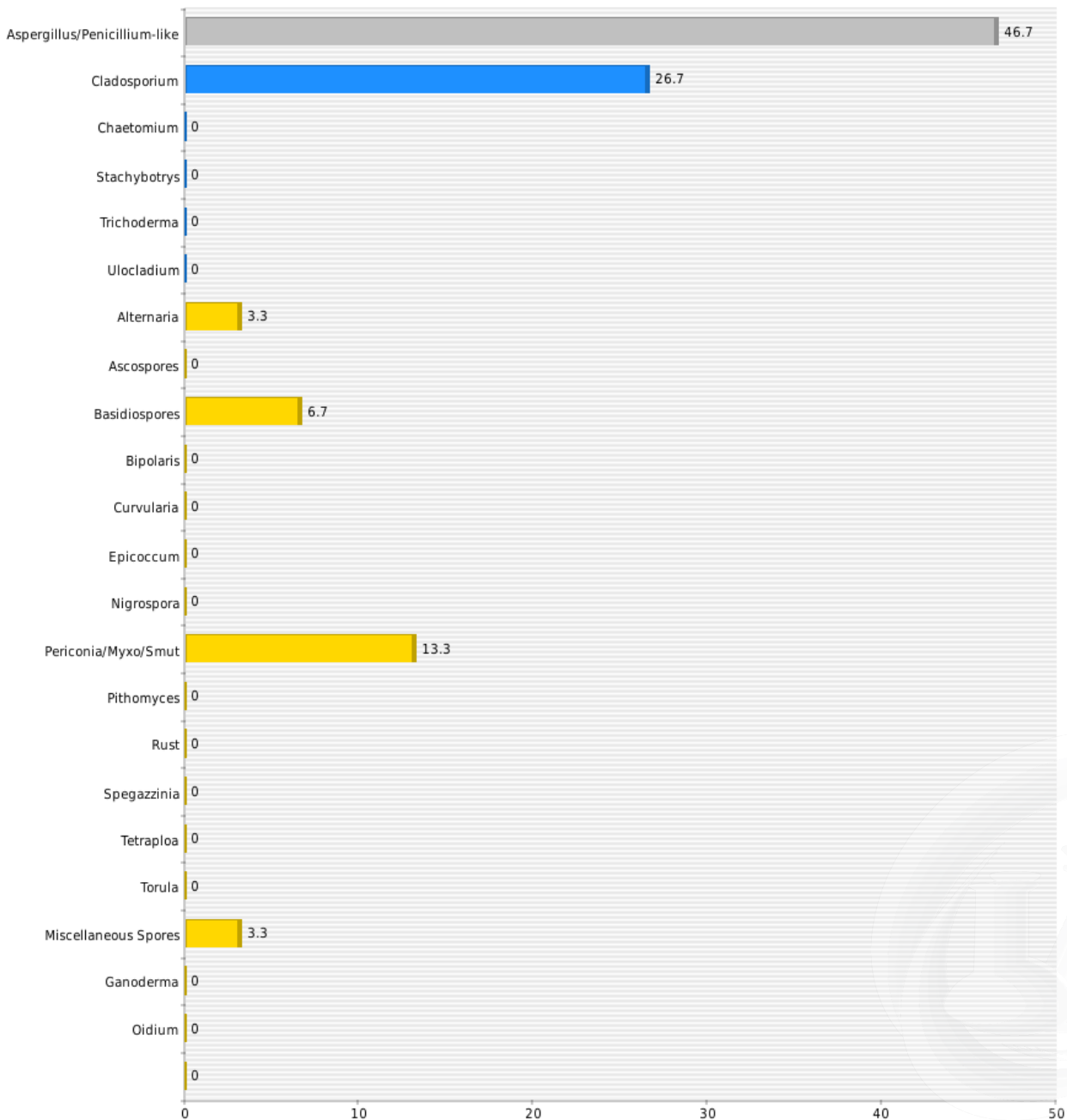
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111106

**Samples Received:** 24

**Samples Analyzed:** 24

### 1st Floor, Classroom 212 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

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**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

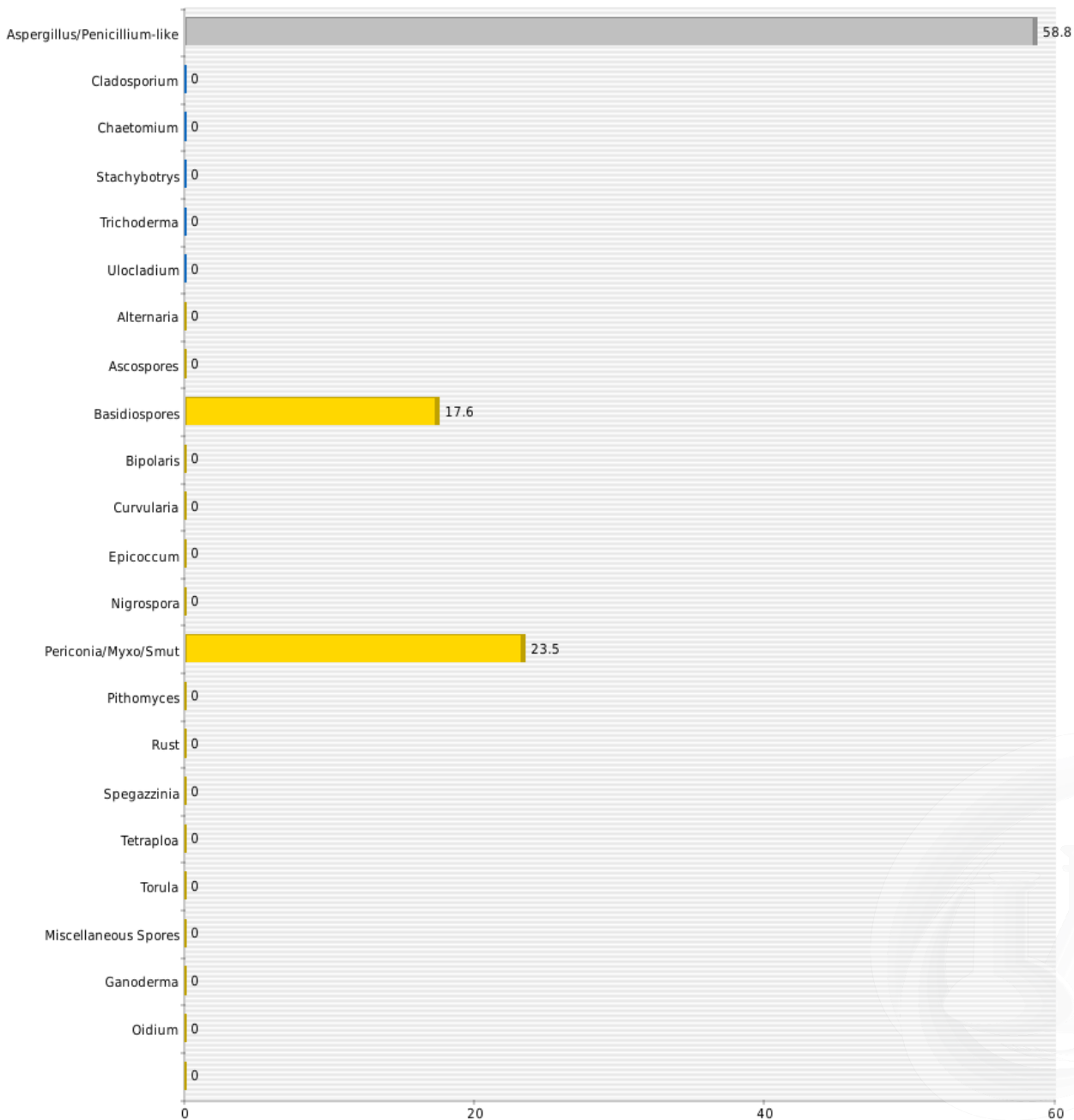
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111106

**Samples Received:** 24

**Samples Analyzed:** 24

### 1st Floor, Classroom 215 (Spore Percentage)







## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

www.aihlab.com

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

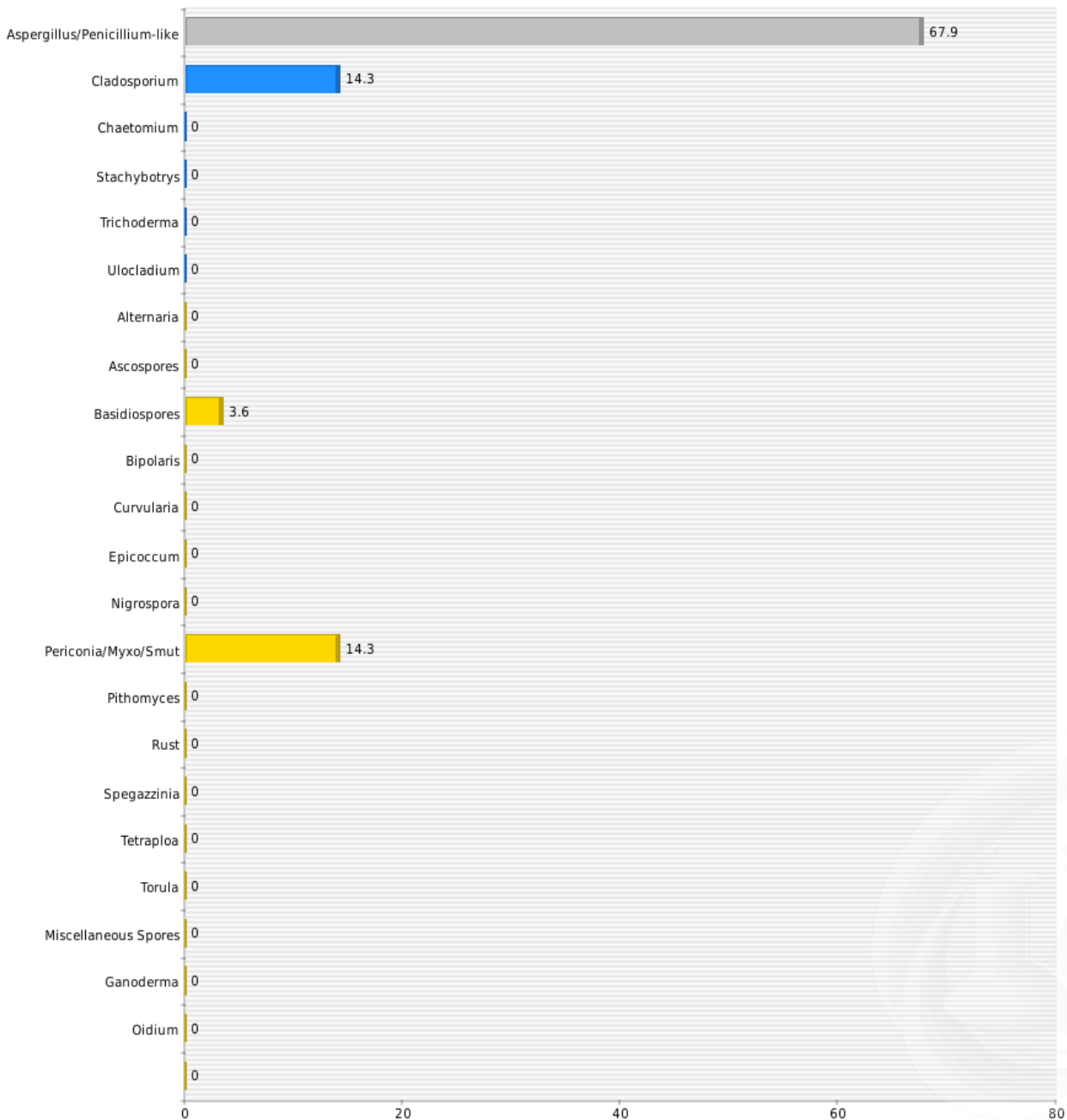
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111106

**Samples Received:** 24

**Samples Analyzed:** 24

### 1st Floor, Classroom 131 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

www.aihlab.com

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

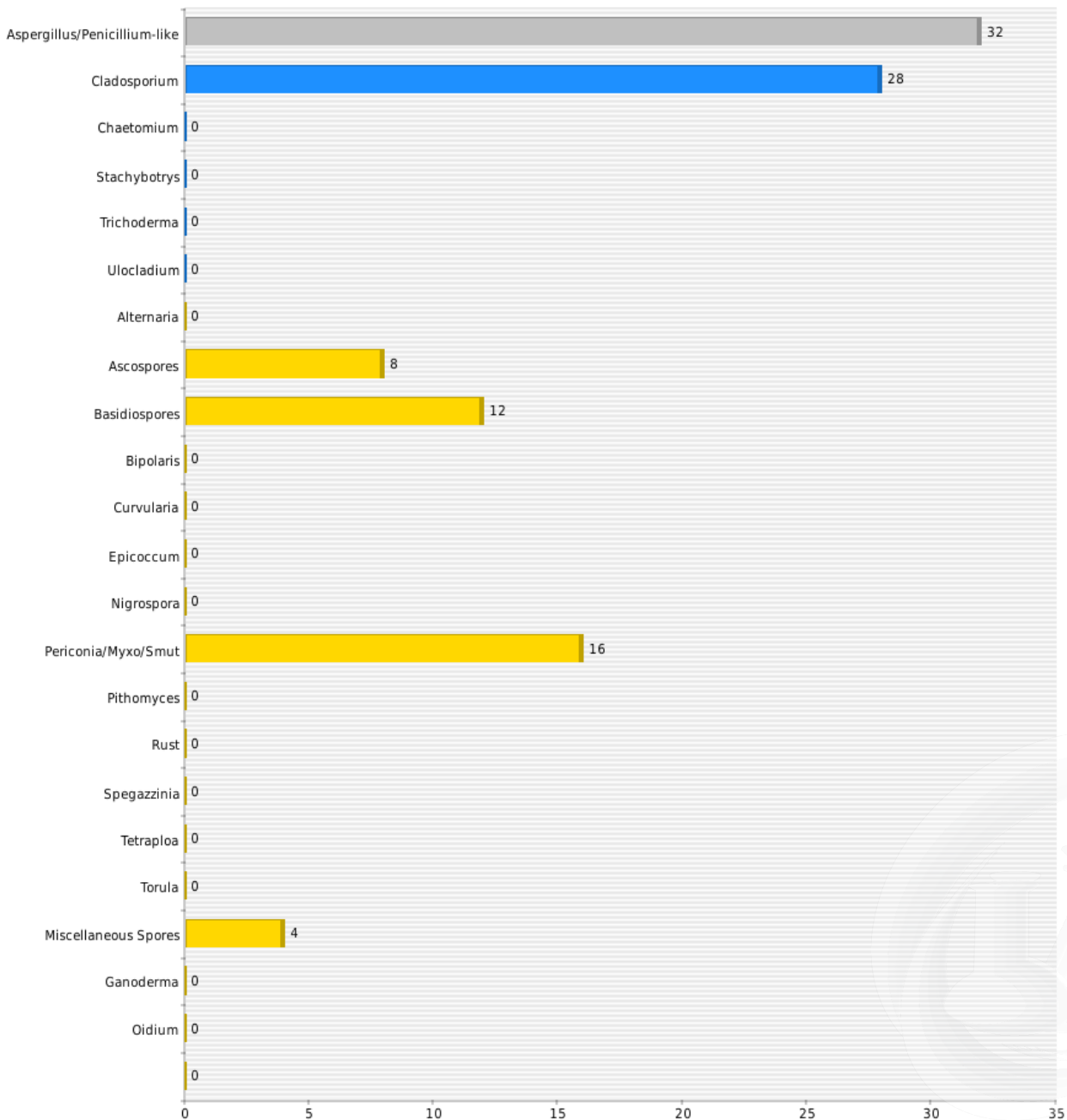
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111106

**Samples Received:** 24

**Samples Analyzed:** 24

### 1st Floor, Classroom 133 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

www.aihlab.com

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

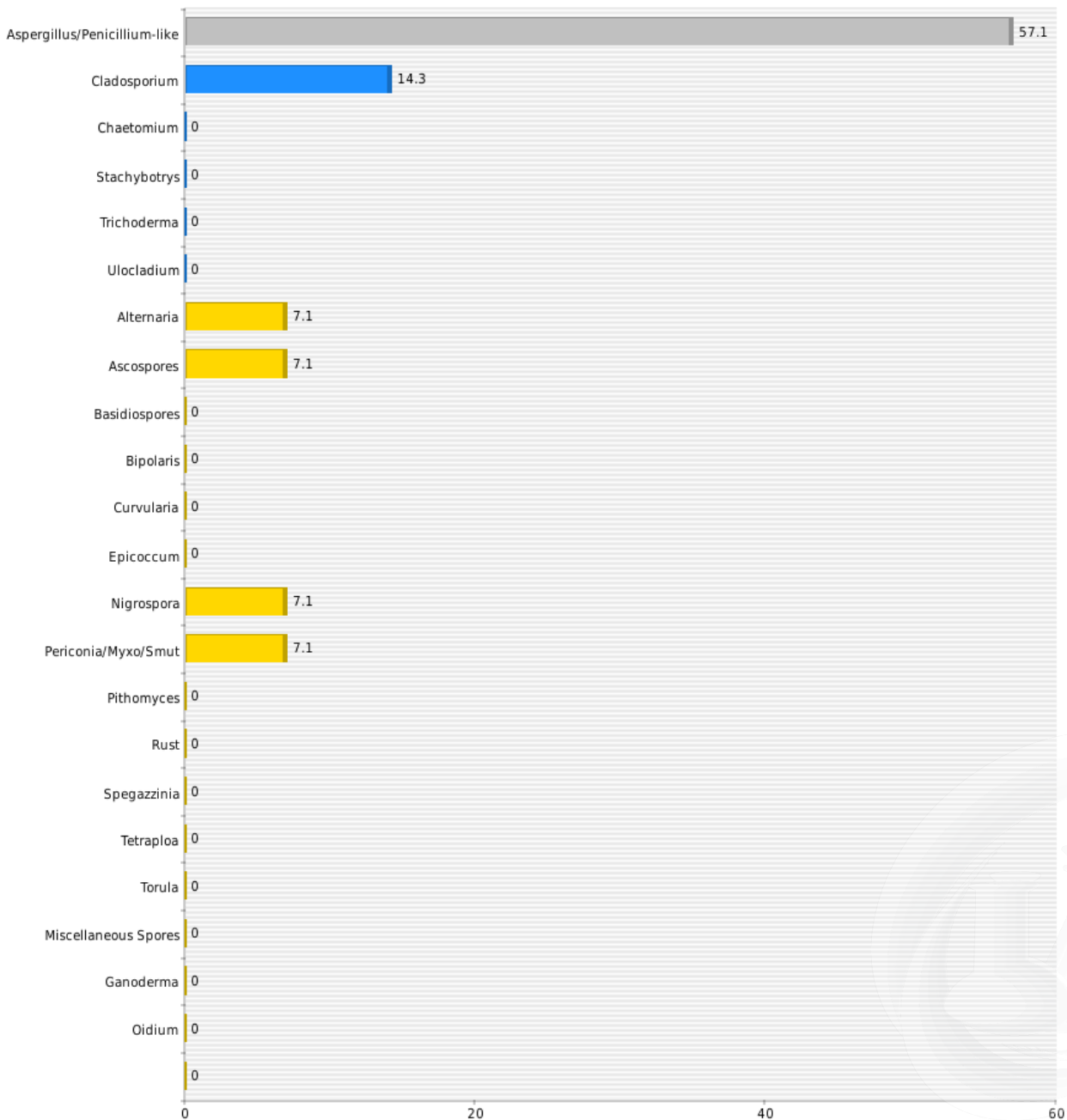
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111106

**Samples Received:** 24

**Samples Analyzed:** 24

### 1st Floor, Classroom 220 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

www.aihlab.com

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

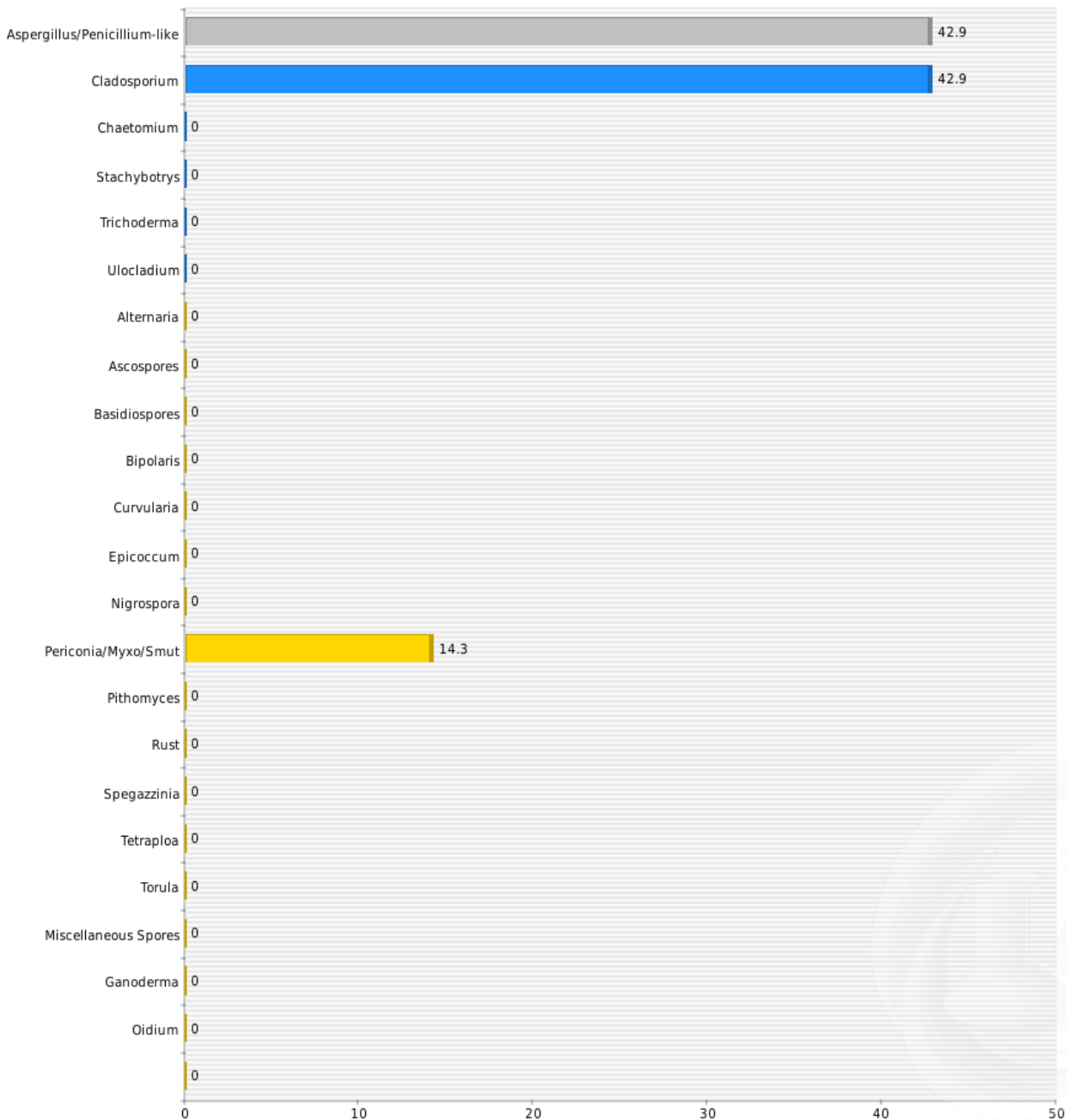
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111106

**Samples Received:** 24

**Samples Analyzed:** 24

### 1st Floor, Classroom 221 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

Phone: (562) 860-2201  
www.aihlab.com

2556 W Woodland Dr Anaheim, CA 92801

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

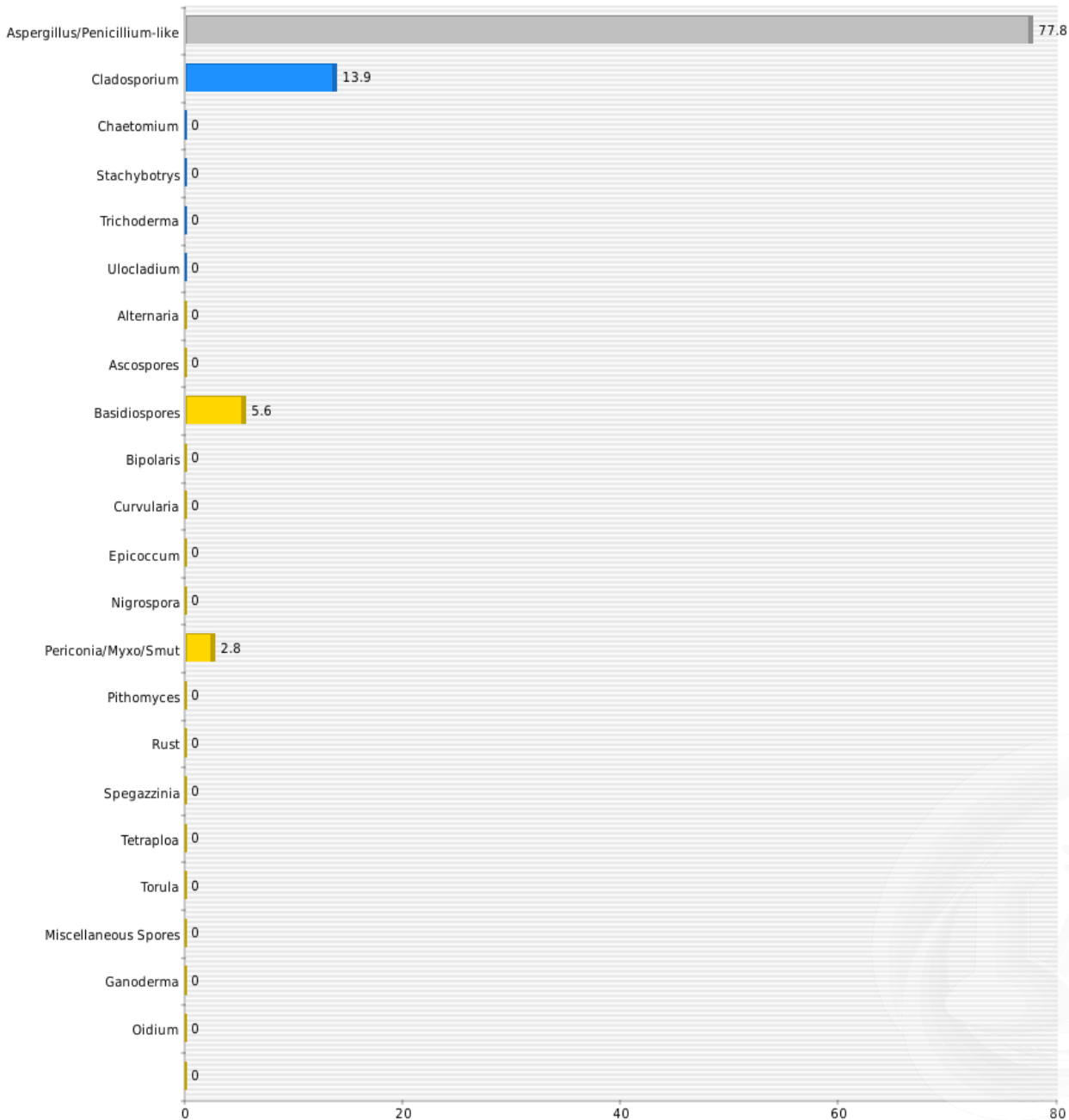
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111106

**Samples Received:** 24

**Samples Analyzed:** 24

### 1st Floor, Classroom 222 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

www.aihlab.com

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

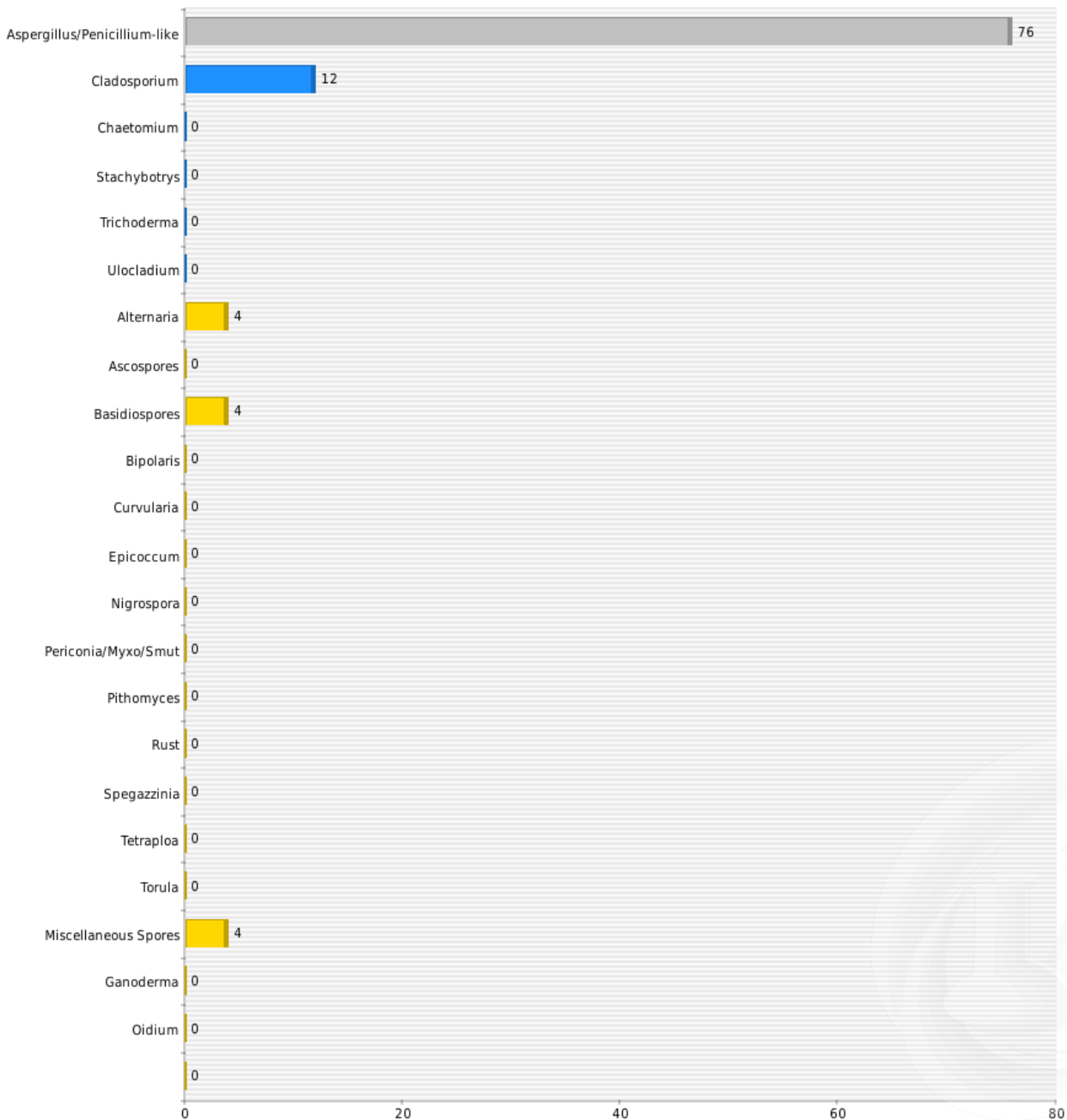
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111106

**Samples Received:** 24

**Samples Analyzed:** 24

### 1st Floor, Classroom 223 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

www.aihlab.com

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

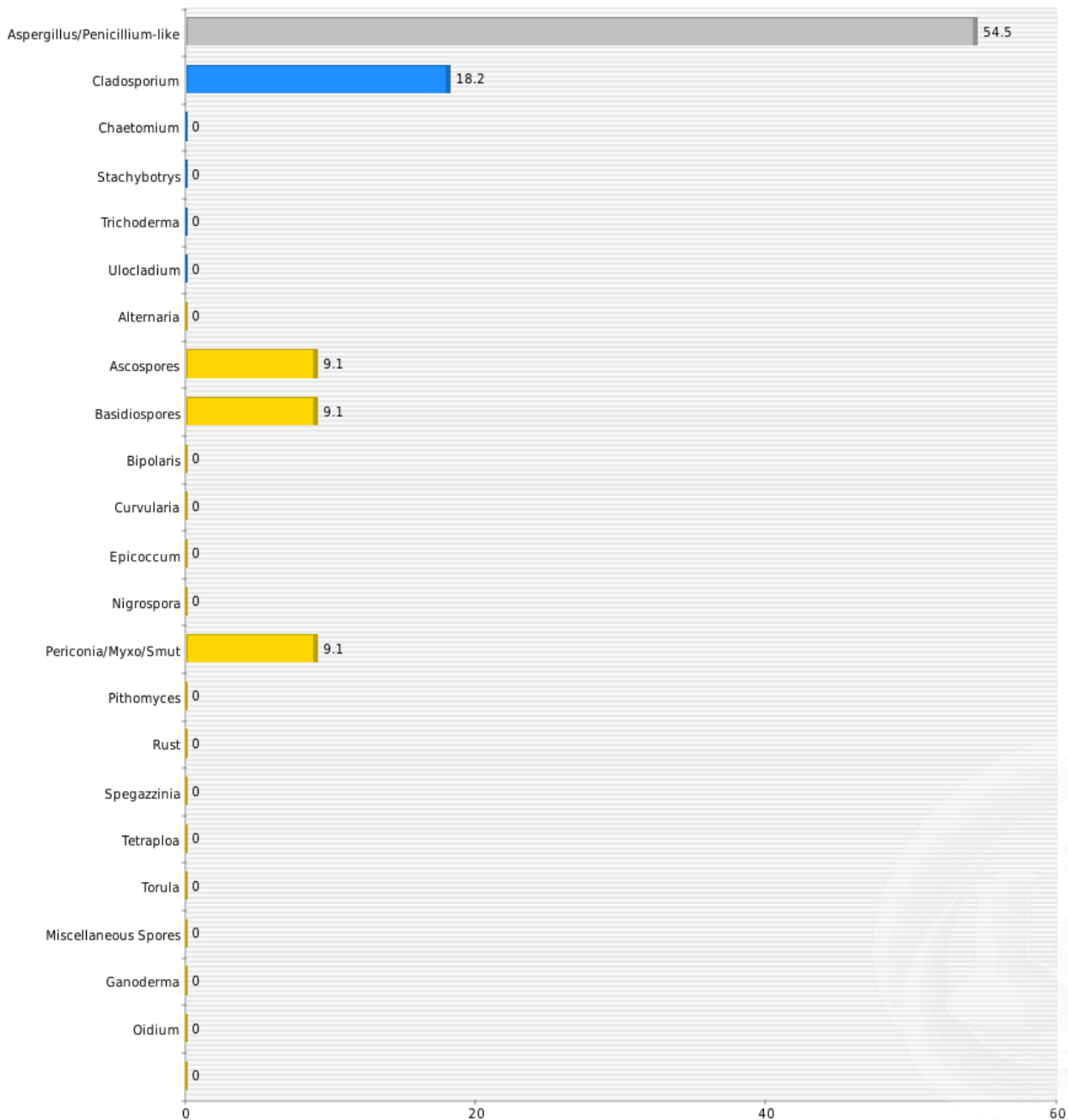
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111106

**Samples Received:** 24

**Samples Analyzed:** 24

### 1st Floor, Classroom 225 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

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www.aihlab.com

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

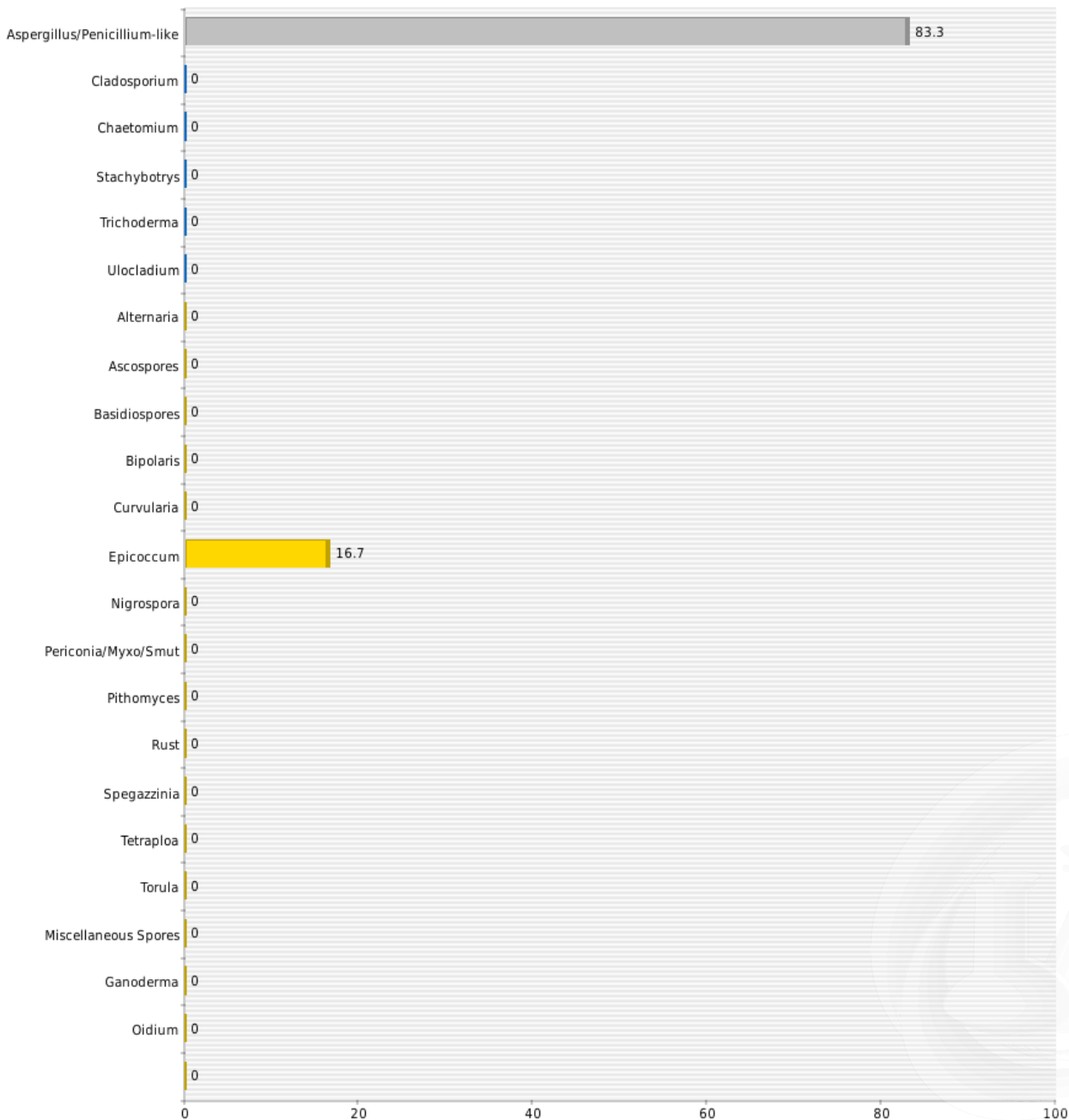
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111106

**Samples Received:** 24

**Samples Analyzed:** 24

### 1st Floor, Classroom 135 (Spore Percentage)







## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

www.aihlab.com

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111106

**Samples Received:** 24

**Samples Analyzed:** 24

### 1st Floor, Classroom 231 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

www.aihlab.com

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

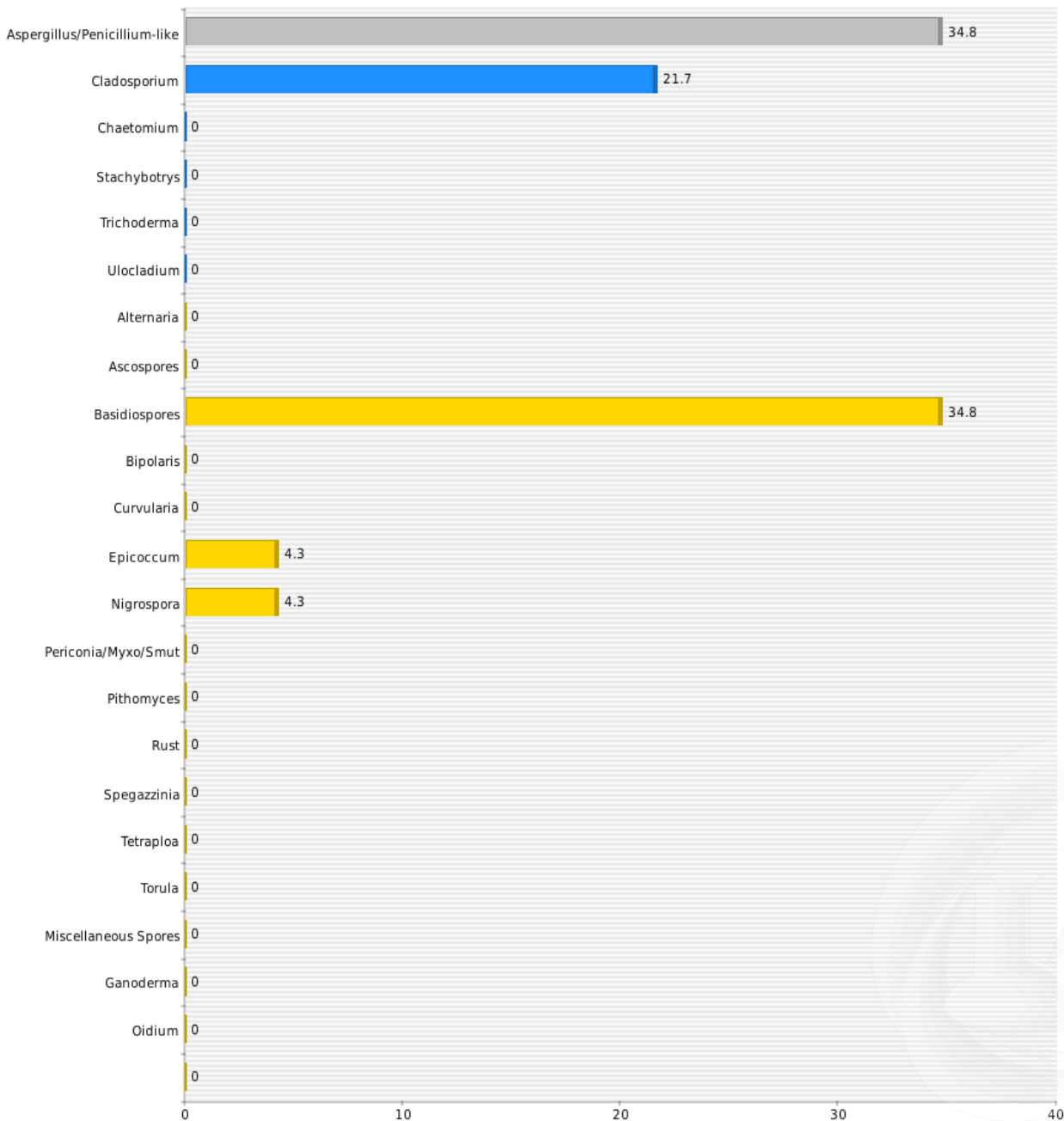
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111106

**Samples Received:** 24

**Samples Analyzed:** 24

### 1st Floor, Classroom 232 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

www.aihlab.com

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

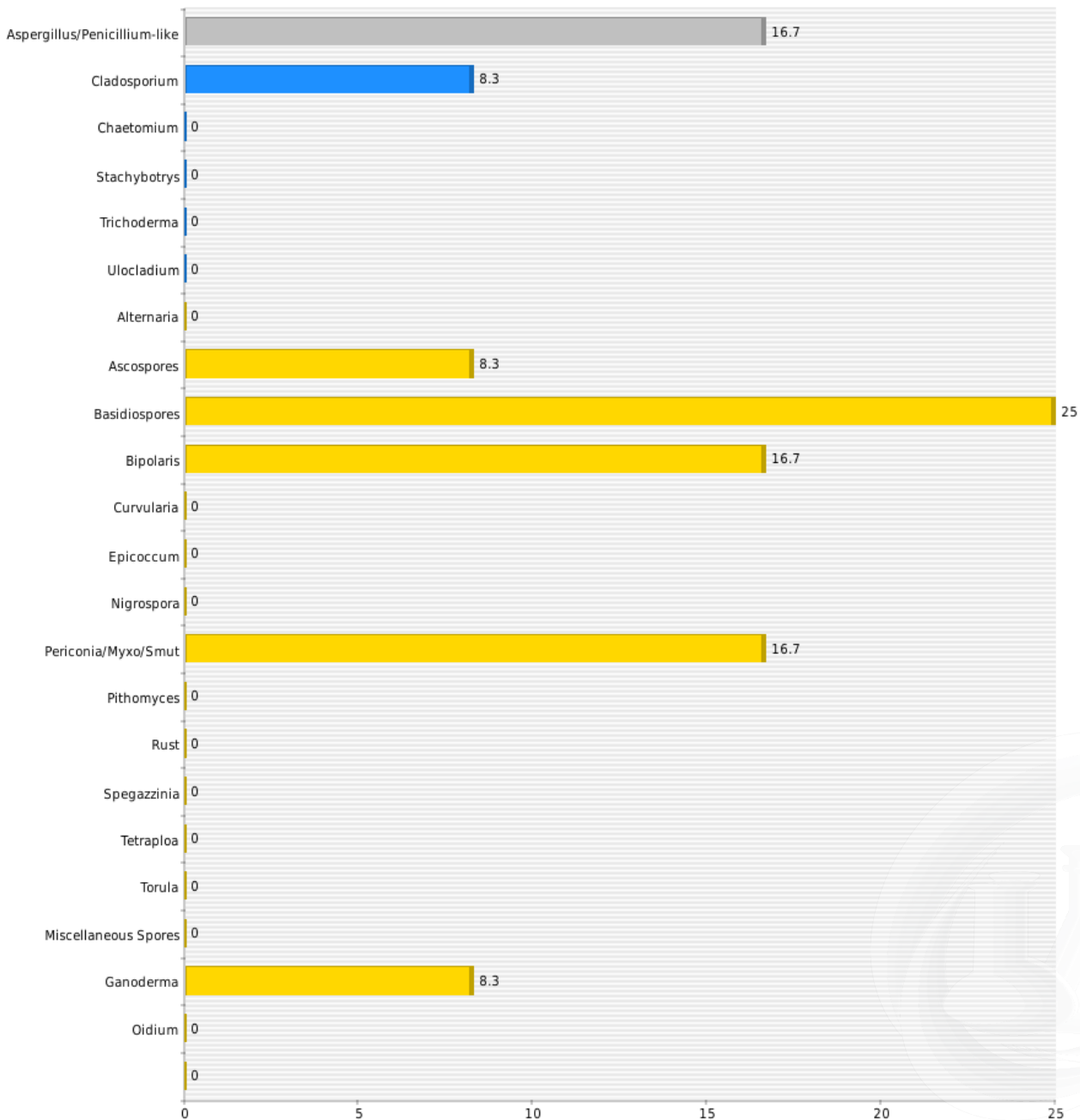
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111106

**Samples Received:** 24

**Samples Analyzed:** 24

### 1st Floor, Classroom 233 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

www.aihlab.com

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

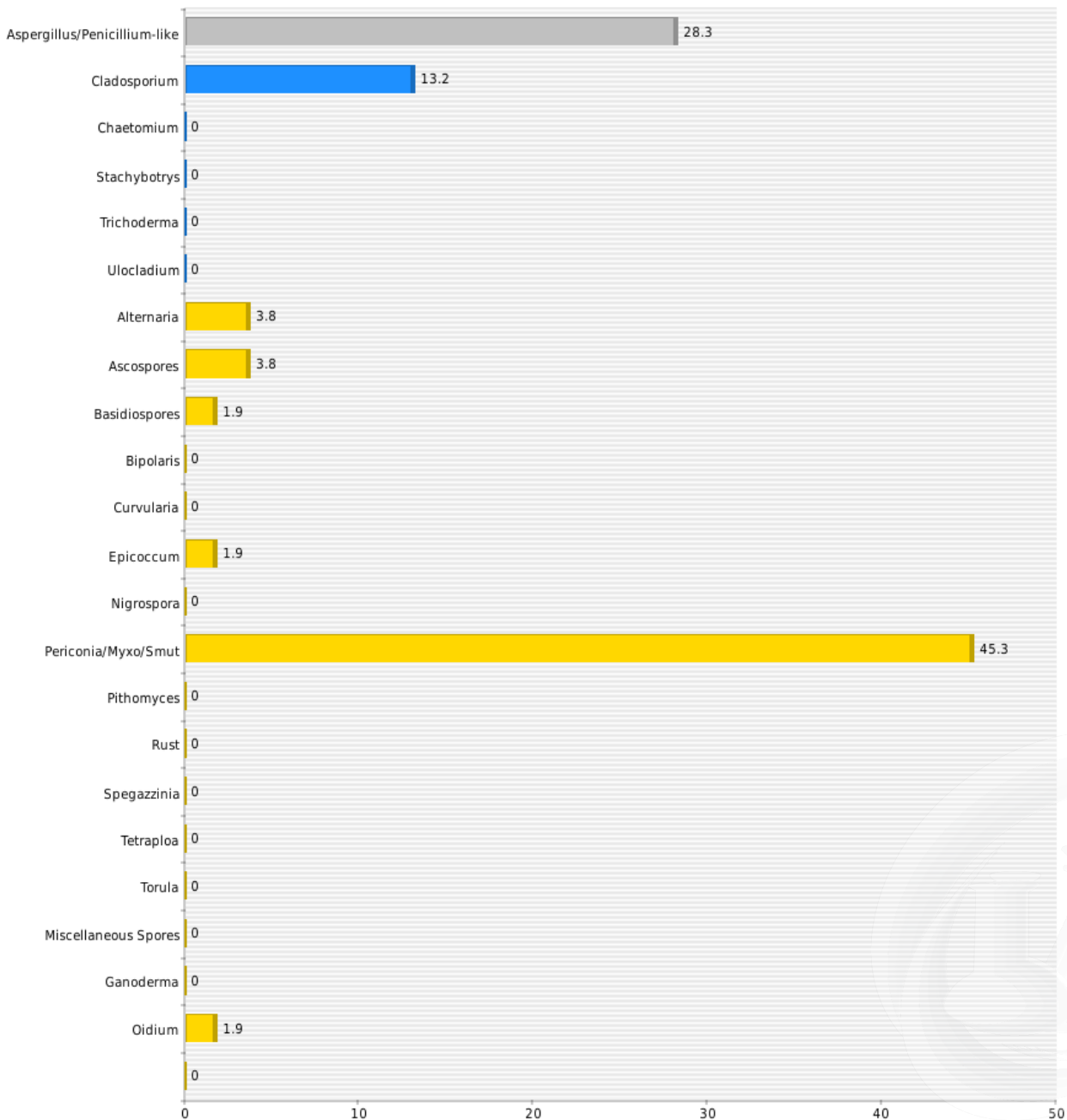
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111106

**Samples Received:** 24

**Samples Analyzed:** 24

### 1st Floor, Classroom 234 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

www.aihlab.com

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

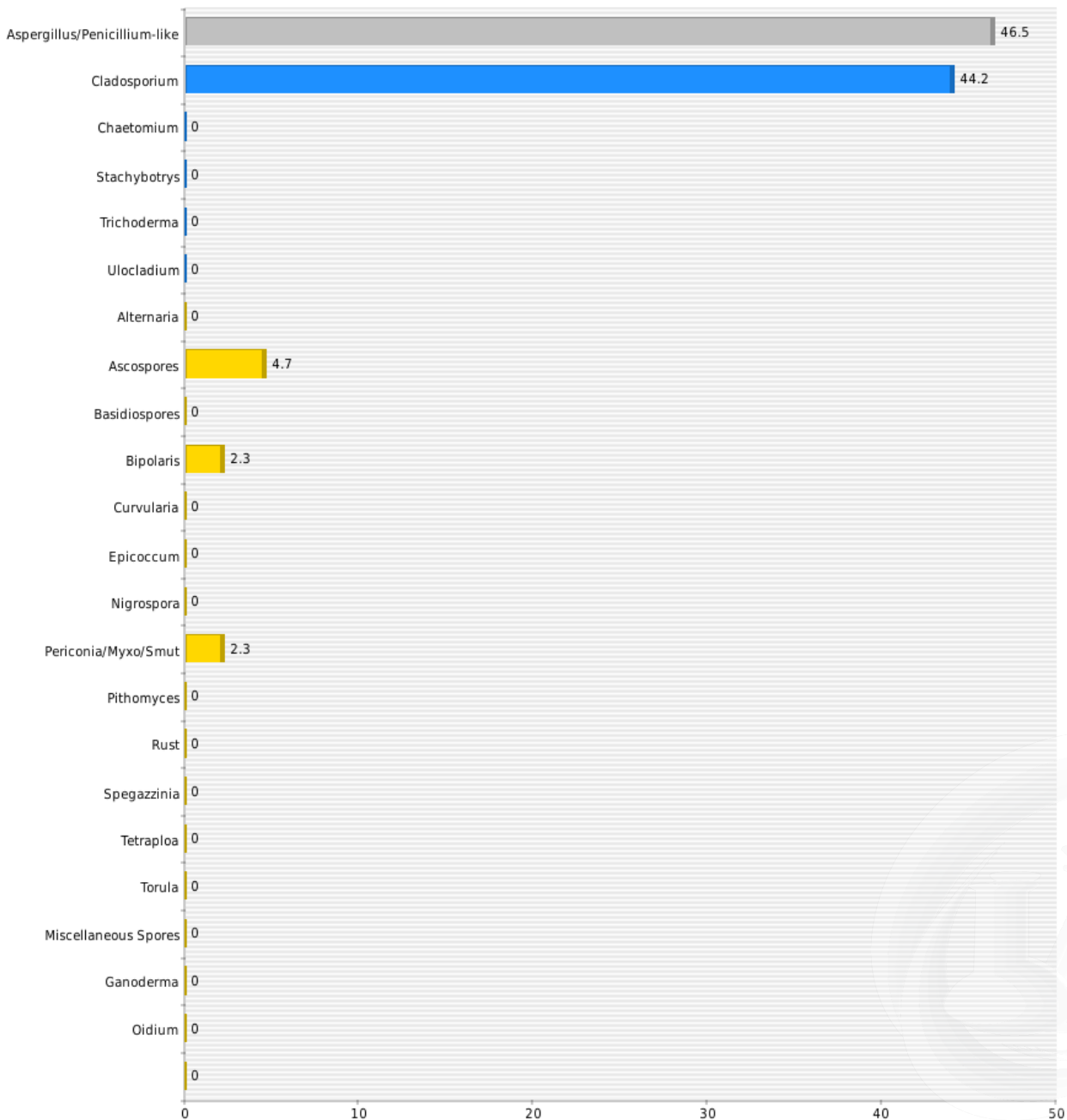
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111106

**Samples Received:** 24

**Samples Analyzed:** 24

### 1st Floor, Classroom 4 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

Phone: (562) 860-2201  
www.aihlab.com

2556 W Woodland Dr Anaheim, CA 92801

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

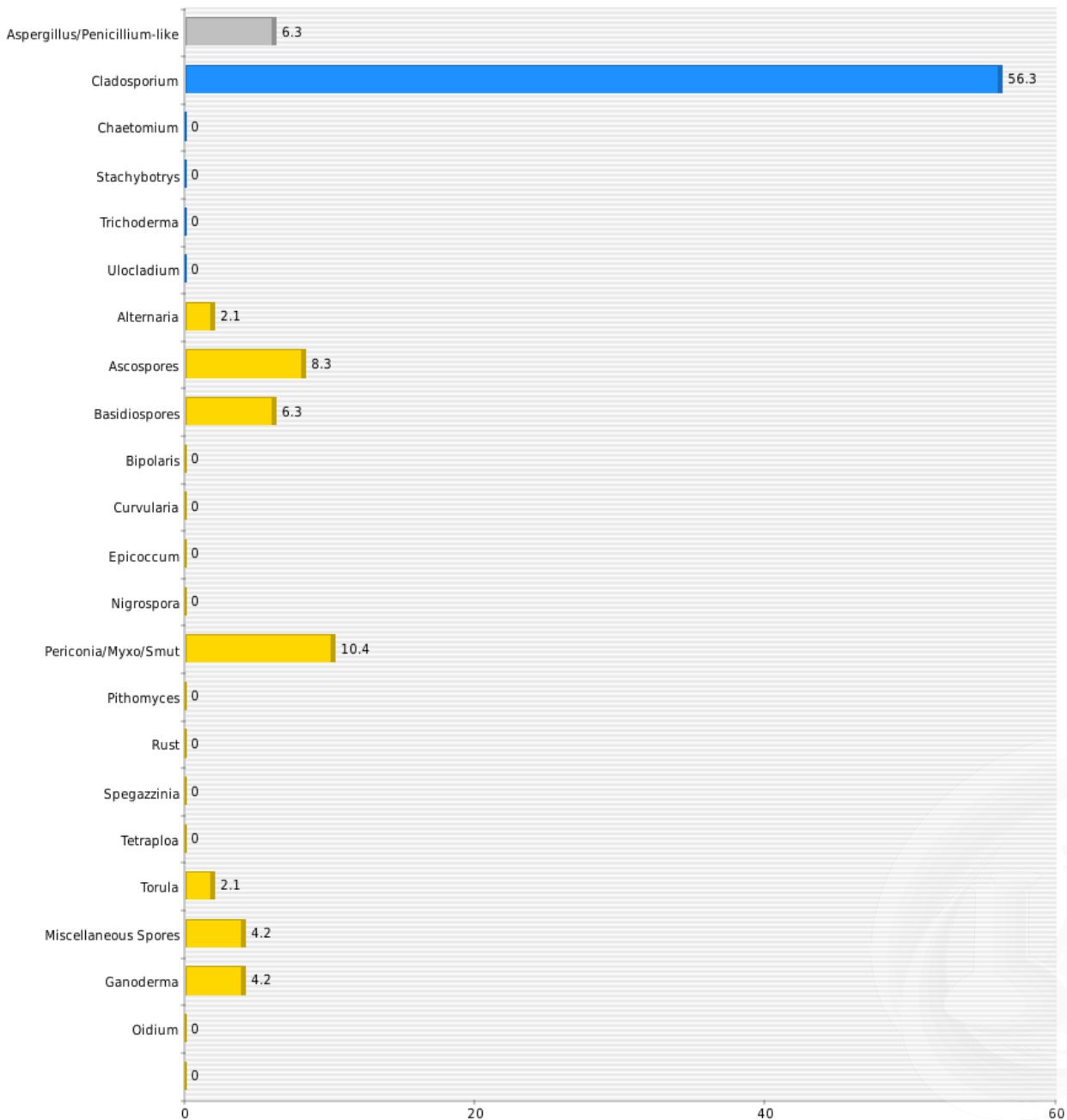
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111106

**Samples Received:** 24

**Samples Analyzed:** 24

### 1st Floor, Classroom 5 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

www.aihlab.com

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

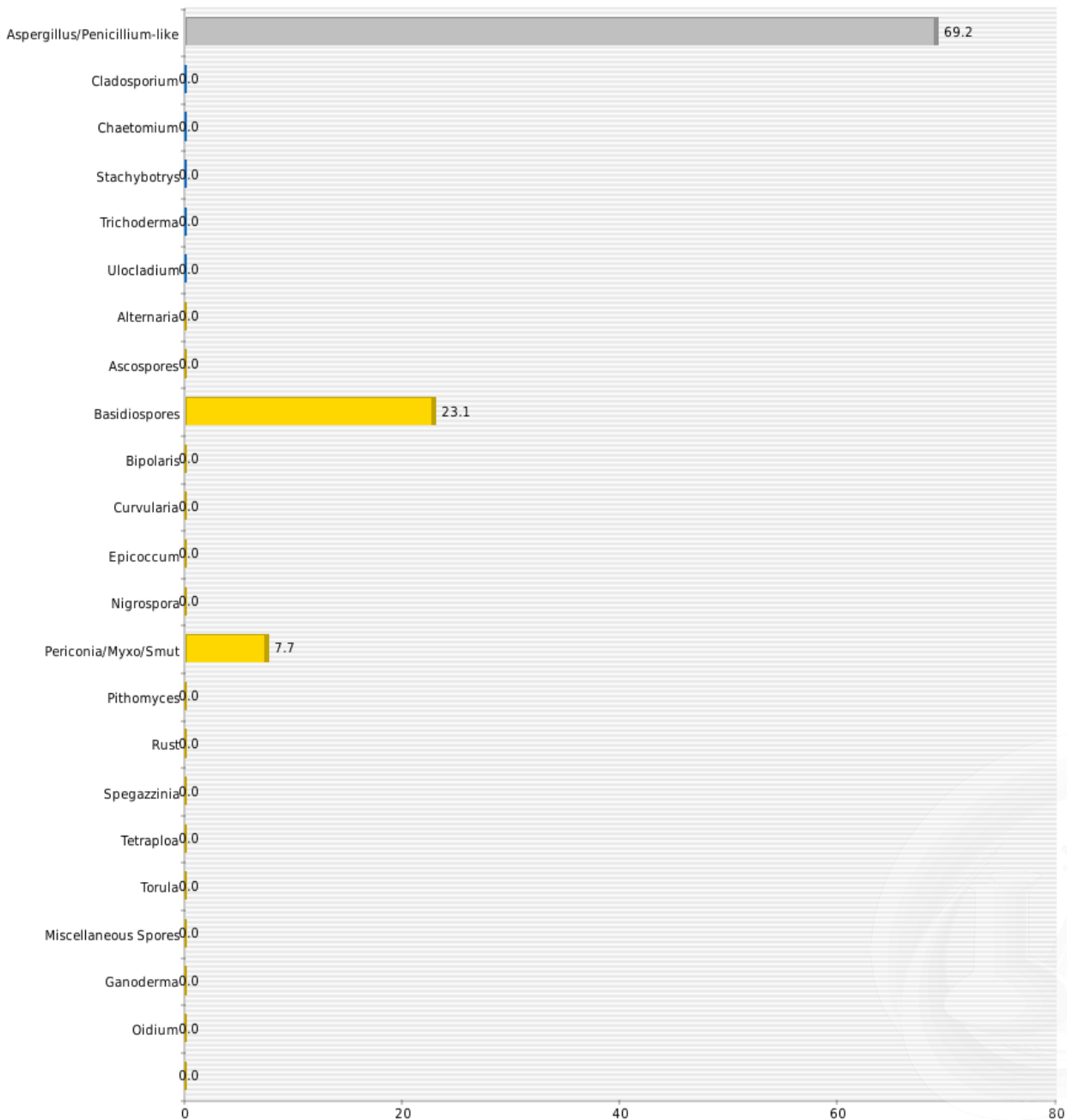
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111106

**Samples Received:** 24

**Samples Analyzed:** 24

### 1st Floor, Classroom 7 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

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**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

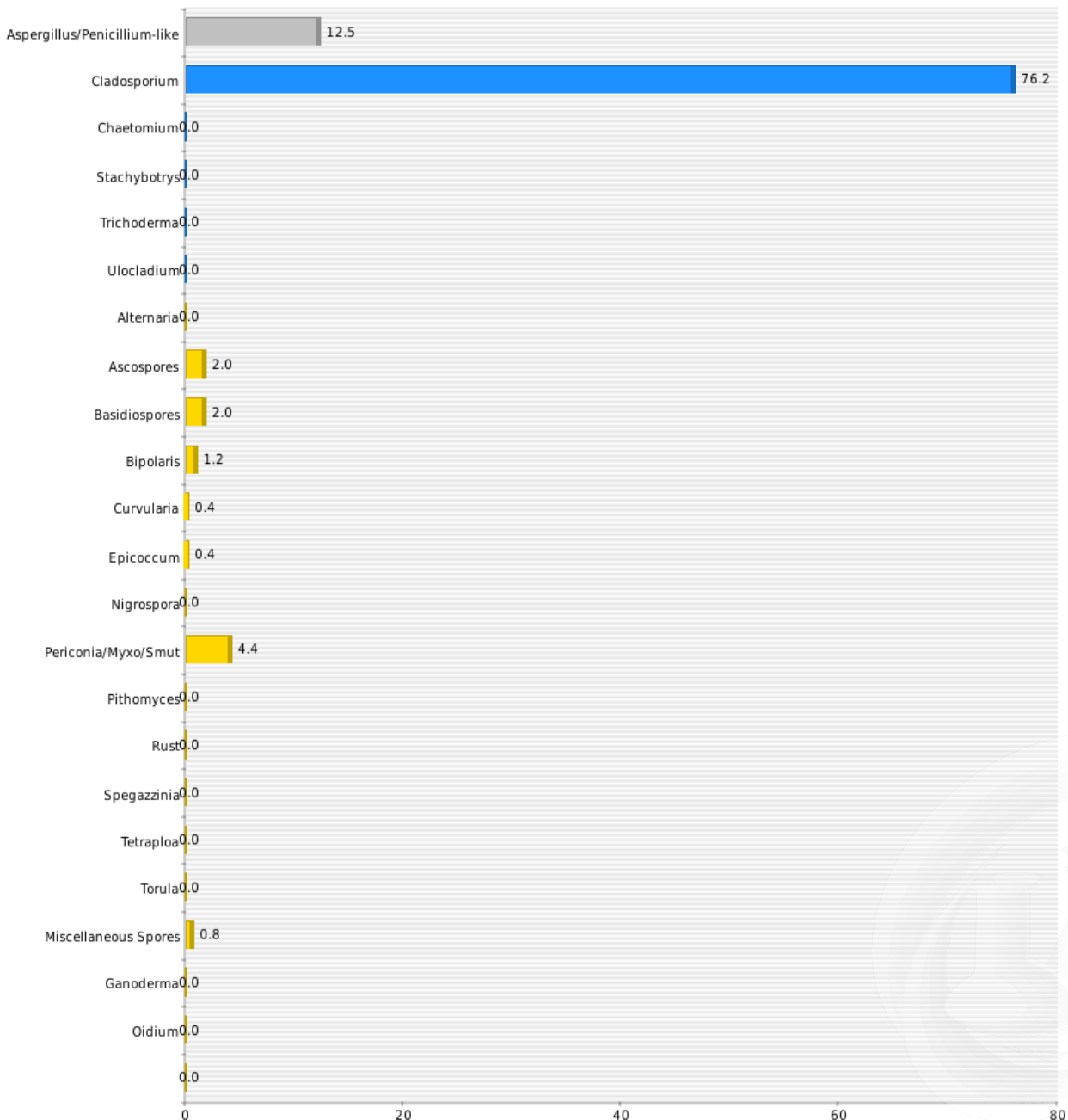
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111106

**Samples Received:** 24

**Samples Analyzed:** 24

### 1st Floor, Classroom 8 (Spore Percentage)







## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

www.aihlab.com

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

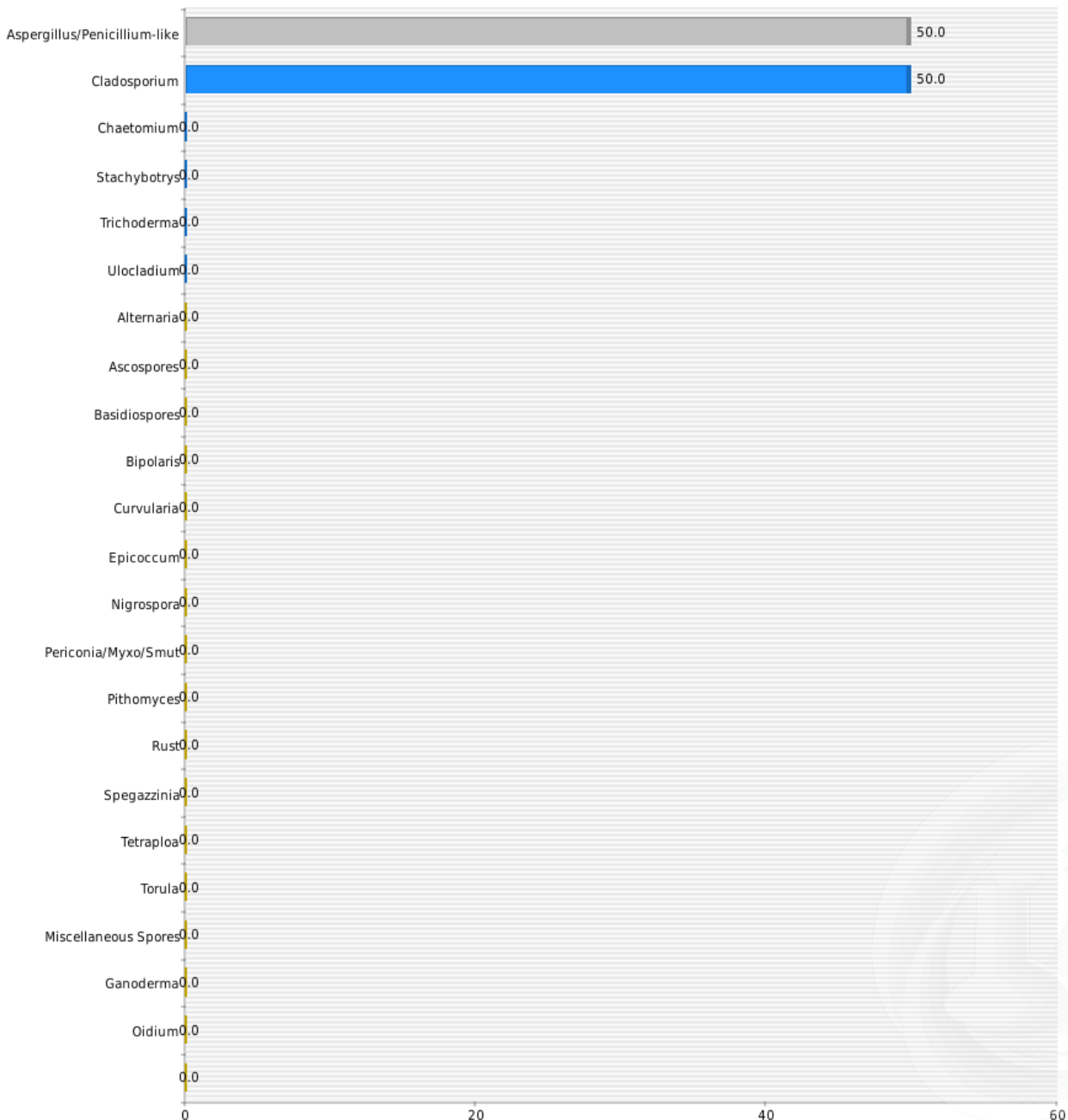
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111106

**Samples Received:** 24

**Samples Analyzed:** 24

### 1st Floor, Classroom 310 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

www.aihlab.com

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

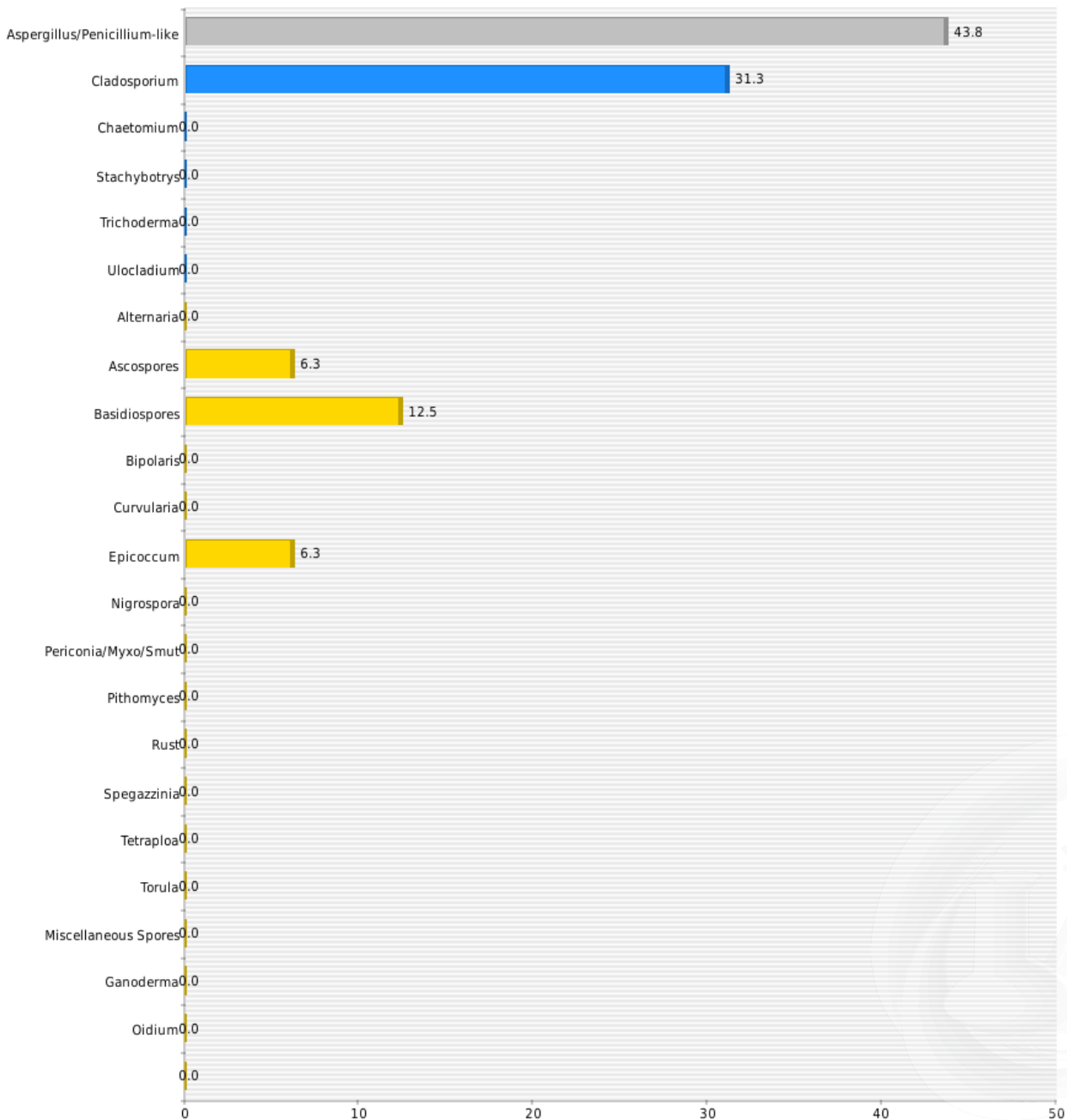
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111106

**Samples Received:** 24

**Samples Analyzed:** 24

**1st Floor, Classroom 313 (Spore Percentage)**





## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

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www.aihlab.com

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

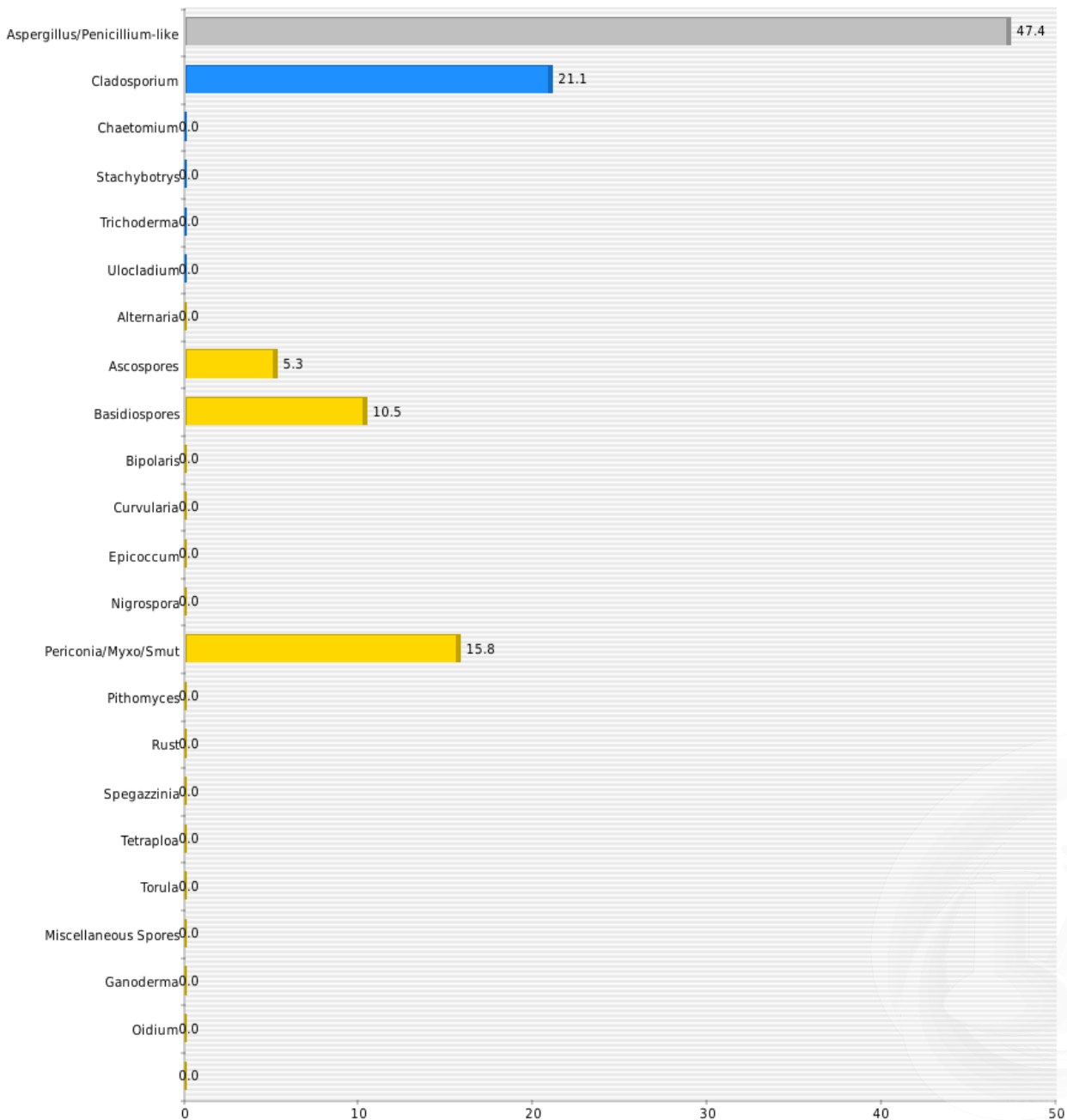
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111106

**Samples Received:** 24

**Samples Analyzed:** 24

### 1st Floor, Classroom 315 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

www.aihlab.com

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111106

**Samples Received:** 24

**Samples Analyzed:** 24

### 1st Floor, Classroom 325 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

www.aihlab.com

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

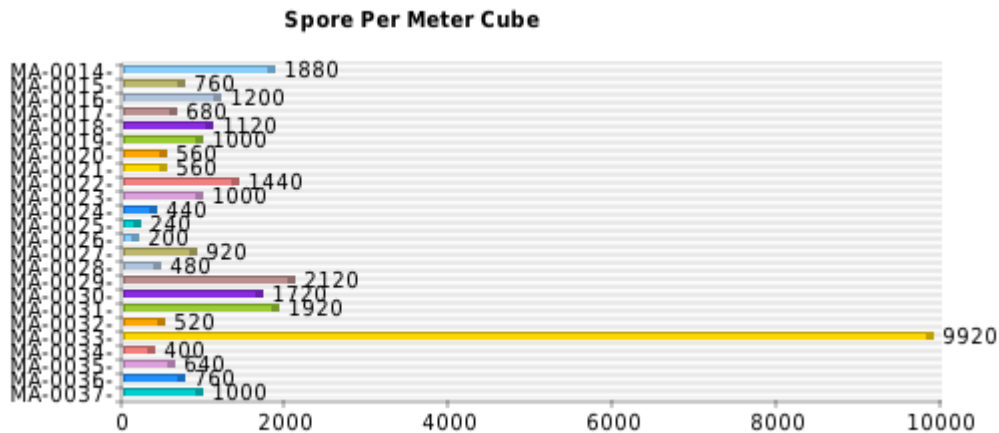
**Report Status:** Final Report

**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111106

**Samples Received:** 24

**Samples Analyzed:** 24





## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201  
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**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111106

**Samples Received:** 24

**Samples Analyzed:** 24

### Understanding Sampling and Laboratory Methodologies

Spore Trap Cassettes (Air Sampling media) are unique air sampling cassettes specifically designed for the rapid collection of a wide range of airborne aerosols including mold spores, pollen, insect parts, skin cell fragments, and inorganic particulate. The analytical results obtained from include both viable and non-viable spores. Some fungal groups produce similar spore types that are difficult to be distinguished only by direct microscopic examination like *Aspergillus/Penicillium*, or other identical spore. Similarly other spore types may lack distinguishing features that aid in their identification like hyphae. To avoid any confusion these types are grouped into larger categories such as Ascospores or Basidiospores.

#### *Examination Technique:*

AIH Laboratory Fungal Air Sample Reports data results are provided in spore counts per cubic meter of air. Fungal spores are identified and grouped by morphological characteristics including color, shape, size, and fruiting structures (if present) which are compared to published mycological identification keys and texts.

#### *Qualitative Analysis:*

It is difficult to precisely measure some analytical findings which aid in assessing the overall sample condition and density. Qualitative analysis is used to determine concentration of Skin Fragments, Background and Hyphal fragments. A number between 1-5 is used to rate the concentrations. Each number increase in rate adds a range of 1-20% Please understand that higher the number of skin fragments and background particle it may obscure small spore. Overloaded in comments indicate that sample failed to meet visibility density criteria and thus the quantitative analysis was not performed on the particular sample.

#### *Analysis:*

This data is gathered by visual and statistical analysis performed on the specimen. The quantitative data is adhered to strict quality control procedures. This strict quality is achieved by reanalyzing at least 10% of samples. The results from original analysis and re-read must be close with only minor variation. If results do not fall under minor variation criteria, then all samples must be analyzed again. The quantitative data is used to produce the final result in spore(s) per meter cube.

### About AIH Laboratory

AIH Laboratory is renowned laboratory located in Anaheim, CA. The staff at AIH Laboratory is recognized by State, Federal agencies and International Accrediting Bodies. AIH Laboratory employs sophisticated techniques, strong professional experience along with recognized testing procedures in the industry. AIH Laboratory participates in Inter-laboratory testing program with various national laboratories to ensure conformance with newly adapted technologies, research and methodologies. The samples received by AIH Laboratory are processed under strict quality control procedures to avoid any discrepancy in results. The data generated by the laboratory from the analytical observation of the specimens is presented in a format that is easily understood by anyone with a science background. An environmental expert will accurately interpret the data and findings detailed in this report.



# MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

www.aihlab.com

<b>Client Name:</b> A-Tech Consulting Inc	<b>Report Status:</b> Final Report
<b>Client Address:</b> 1640 N. Batavia Street, Orange, CA 92867	<b>AIHA EMPAT#:</b> 203769
<b>Project Number:</b> 211886	<b>Lab Batch Number:</b> 2111107
<b>Project Location:</b> 240 North Cerritos Avenue, Azusa, CA 91702	<b>Samples Received:</b> 24
	<b>Samples Analyzed:</b> 24

<b>Laboratory Sample ID:</b>	<b>211110701</b>	<b>211110702</b>	<b>211110703</b>
<b>Client Sample ID:</b>	<b>MA-0038</b>	<b>MA-0039</b>	<b>MA-0040</b>
<b>Sample Location:</b>	<b>1st Floor, Classroom 323</b>	<b>1st Floor, Classroom 322</b>	<b>1st Floor, Classroom 335</b>
<b>Comments:</b>	<i>None</i>	<i>None</i>	<i>None</i>

## Quantitative Analysis

		Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total
<b>Inside/Outside</b>	Aspergillus/Penicillium-like	6	240	60.0	5	200	71.4	4	160	33.3
	Cladosporium	2	80	20.0	2	80	28.6	7	280	58.3
<b>Water Damage Indication</b>	Chaetomium	-	-	-	-	-	-	-	-	-
	Stachybotrys	-	-	-	-	-	-	-	-	-
	Trichoderma	-	-	-	-	-	-	-	-	-
	Ulocladium	-	-	-	-	-	-	-	-	-
	Alternaria	-	-	-	-	-	-	-	-	-
<b>Outdoor Environment</b>	Ascospores	1	40	10.0	-	-	-	1	40	8.3
	Basidiospores	-	-	-	-	-	-	-	-	-
	Bipolaris	-	-	-	-	-	-	-	-	-
	Curvularia	-	-	-	-	-	-	-	-	-
	Epicoccum	1	40	10.0	-	-	-	-	-	-
	Nigrospora	-	-	-	-	-	-	-	-	-
	Periconia/Myxo/Smut	-	-	-	-	-	-	-	-	-
	Pithomyces	-	-	-	-	-	-	-	-	-
	Rust	-	-	-	-	-	-	-	-	-
	Spegazzinia	-	-	-	-	-	-	-	-	-
	Tetraploa	-	-	-	-	-	-	-	-	-
	Torula	-	-	-	-	-	-	-	-	-
	Miscellaneous Spores	-	-	-	-	-	-	-	-	-
	Oidium	-	-	-	-	-	-	-	-	-
	Ganoderma	-	-	-	-	-	-	-	-	-
	<b>Total</b>	<b>10</b>	<b>400</b>	<b>100</b>	<b>7</b>	<b>280</b>	<b>100</b>	<b>12</b>	<b>480</b>	<b>100</b>



## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

www.aihlab.com

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111107

**Samples Received:** 24

**Samples Analyzed:** 24

<b>Laboratory Sample ID:</b>	<b>211110701</b>	<b>211110702</b>	<b>211110703</b>
<b>Client Sample ID:</b>	<b>MA-0038</b>	<b>MA-0039</b>	<b>MA-0040</b>
<b>Sample Location:</b>	<b>1st Floor, Classroom 323</b>	<b>1st Floor, Classroom 322</b>	<b>1st Floor, Classroom 335</b>

### Sample Collection Data

Total Time:			
Flow Rate:			
Volume:	75	75	75

### Qualitative Analysis

Skin Fragments- 1 to 5 (low to high):	1	1	1
Background/m3- 1 to 5 (low to high):	3	1	3
Hyphal Fragments- 1 to 5 (low to high):	1	1	1







# MOLD AIR SAMPLE REPORT

Phone: (562) 860-2201  
www.aihlab.com

2556 W Woodland Dr Anaheim, CA 92801

<b>Client Name:</b> A-Tech Consulting Inc	<b>Report Status:</b> Final Report
<b>Client Address:</b> 1640 N. Batavia Street, Orange, CA 92867	<b>AIHA EMPAT#:</b> 203769
<b>Project Number:</b> 211886	<b>Lab Batch Number:</b> 2111107
<b>Project Location:</b> 240 North Cerritos Avenue, Azusa, CA 91702	<b>Samples Received:</b> 24
	<b>Samples Analyzed:</b> 24

<b>Laboratory Sample ID:</b>	<b>211110704</b>	<b>211110705</b>	<b>211110706</b>
<b>Client Sample ID:</b>	<b>MA-0041</b>	<b>MA-0042</b>	<b>MA-0043</b>
<b>Sample Location:</b>	<b>1st Floor, Classroom 331</b>	<b>1st Floor, Classroom 415</b>	<b>1st Floor, Classroom 425</b>
<b>Comments:</b>	<i>None</i>	<i>None</i>	<i>None</i>

## Quantitative Analysis

		Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total
<b>Inside/Outside</b>	Aspergillus/Penicillium-like	2	80	100.0	7	280	58.3	3	120	23.1
	Cladosporium	-	-	-	5	200	41.7	10	400	76.9
<b>Water Damage Indication</b>	Chaetomium	-	-	-	-	-	-	-	-	-
	Stachybotrys	-	-	-	-	-	-	-	-	-
	Trichoderma	-	-	-	-	-	-	-	-	-
	Ulocladium	-	-	-	-	-	-	-	-	-
	Alternaria	-	-	-	-	-	-	-	-	-
<b>Outdoor Environment</b>	Ascospores	-	-	-	-	-	-	-	-	-
	Basidiospores	-	-	-	-	-	-	-	-	-
	Bipolaris	-	-	-	-	-	-	-	-	-
	Curvularia	-	-	-	-	-	-	-	-	-
	Epicoccum	-	-	-	-	-	-	-	-	-
	Nigrospora	-	-	-	-	-	-	-	-	-
	Periconia/Myxo/Smut	-	-	-	-	-	-	-	-	-
	Pithomyces	-	-	-	-	-	-	-	-	-
	Rust	-	-	-	-	-	-	-	-	-
	Spegazzinia	-	-	-	-	-	-	-	-	-
	Tetraploa	-	-	-	-	-	-	-	-	-
	Torula	-	-	-	-	-	-	-	-	-
	Miscellaneous Spores	-	-	-	-	-	-	-	-	-
	Oidium	-	-	-	-	-	-	-	-	-
	Ganoderma	-	-	-	-	-	-	-	-	-
<b>Total</b>		<b>2</b>	<b>80</b>	<b>100</b>	<b>12</b>	<b>480</b>	<b>100</b>	<b>13</b>	<b>520</b>	<b>100</b>



## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

www.aihlab.com

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111107

**Samples Received:** 24

**Samples Analyzed:** 24

<b>Laboratory Sample ID:</b>	<b>211110704</b>	<b>211110705</b>	<b>211110706</b>
<b>Client Sample ID:</b>	<b>MA-0041</b>	<b>MA-0042</b>	<b>MA-0043</b>
<b>Sample Location:</b>	<b>1st Floor, Classroom 331</b>	<b>1st Floor, Classroom 415</b>	<b>1st Floor, Classroom 425</b>

### Sample Collection Data

Total Time:			
Flow Rate:			
Volume:	75	75	75

### Qualitative Analysis

Skin Fragments- 1 to 5 (low to high):	1	1	1
Background/m3- 1 to 5 (low to high):	1	2	2
Hyphal Fragments- 1 to 5 (low to high):	1	1	1





# MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

www.aihlab.com

<b>Client Name:</b> A-Tech Consulting Inc	<b>Report Status:</b> Final Report
<b>Client Address:</b> 1640 N. Batavia Street, Orange, CA 92867	<b>AIHA EMPAT#:</b> 203769
<b>Project Number:</b> 211886	<b>Lab Batch Number:</b> 2111107
<b>Project Location:</b> 240 North Cerritos Avenue, Azusa, CA 91702	<b>Samples Received:</b> 24
	<b>Samples Analyzed:</b> 24

<b>Laboratory Sample ID:</b>	<b>211110707</b>	<b>211110708</b>	<b>211110709</b>
<b>Client Sample ID:</b>	<b>MA-0044</b>	<b>MA-0045</b>	<b>MA-0046</b>
<b>Sample Location:</b>	<b>Exterior</b>	<b>1st Floor, Classroom 420/430</b>	<b>1st Floor, Classroom 431</b>
<b>Comments:</b>	<i>None</i>	<i>None</i>	<i>None</i>

## Quantitative Analysis

		Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total
<b>Inside/Outside</b>	Aspergillus/Penicillium-like	94	1880	52.5	7	280	50.0	13	520	41.9
	Cladosporium	65	1300	36.3	-	-	-	11	440	35.5
<b>Water Damage Indication</b>	Chaetomium	-	-	-	-	-	-	-	-	-
	Stachybotrys	-	-	-	-	-	-	-	-	-
	Trichoderma	-	-	-	-	-	-	-	-	-
	Ulocladium	-	-	-	-	-	-	-	-	-
	Alternaria	-	-	-	-	-	-	-	-	-
<b>Outdoor Environment</b>	Ascospores	4	80	2.2	-	-	-	2	80	6.5
	Basidiospores	14	280	7.8	2	80	14.3	-	-	-
	Bipolaris	-	-	-	-	-	-	1	40	3.2
	Curvularia	-	-	-	-	-	-	-	-	-
	Epicoccum	-	-	-	-	-	-	-	-	-
	Nigrospora	-	-	-	-	-	-	-	-	-
	Periconia/Myxo/Smut	1	20	0.6	4	160	28.6	4	160	12.9
	Pithomyces	-	-	-	-	-	-	-	-	-
	Rust	-	-	-	-	-	-	-	-	-
	Spegazzinia	-	-	-	-	-	-	-	-	-
	Tetraploa	-	-	-	-	-	-	-	-	-
	Torula	-	-	-	-	-	-	-	-	-
	Miscellaneous Spores	-	-	-	1	40	7.1	-	-	-
	Oidium	1	20	0.6	-	-	-	-	-	-
	Ganoderma	-	-	-	-	-	-	-	-	-
	<b>Total</b>	<b>179</b>	<b>3580</b>	<b>100</b>	<b>14</b>	<b>560</b>	<b>100</b>	<b>31</b>	<b>1240</b>	<b>100</b>



## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

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**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111107

**Samples Received:** 24

**Samples Analyzed:** 24

<b>Laboratory Sample ID:</b>	<b>211110707</b>	<b>211110708</b>	<b>211110709</b>
<b>Client Sample ID:</b>	<b>MA-0044</b>	<b>MA-0045</b>	<b>MA-0046</b>
<b>Sample Location:</b>	<b>Exterior</b>	<b>1st Floor, Classroom 420/430</b>	<b>1st Floor, Classroom 431</b>

### Sample Collection Data

Total Time:			
Flow Rate:			
Volume:	150	75	75

### Qualitative Analysis

Skin Fragments- 1 to 5 (low to high):	2	2	3
Background/m3- 1 to 5 (low to high):	4	2	5
Hyphal Fragments- 1 to 5 (low to high):	1	1	2





## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

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**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111107

**Samples Received:** 24

**Samples Analyzed:** 24

<b>Laboratory Sample ID:</b>	<b>211110710</b>	<b>211110711</b>	<b>211110712</b>
<b>Client Sample ID:</b>	<b>MA-0047</b>	<b>MA-0048</b>	<b>MA-0049</b>
<b>Sample Location:</b>	<b>1st Floor, Classroom 432</b>	<b>1st Floor, Classroom 433</b>	<b>1st Floor, Classroom 435</b>
<b>Comments:</b>	<i>None</i>	<i>None</i>	<i>None</i>

### Quantitative Analysis

		Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total
<b>Inside/Outside</b>	Aspergillus/Penicillium-like	13	520	61.9	13	520	43.3	10	400	45.5
	Cladosporium	2	80	9.5	10	400	33.3	4	160	18.2
<b>Water Damage Indication</b>	Chaetomium	-	-	-	1	40	3.3	-	-	-
	Stachybotrys	-	-	-	-	-	-	-	-	-
	Trichoderma	-	-	-	-	-	-	-	-	-
	Ulocladium	-	-	-	-	-	-	-	-	-
	Alternaria	2	80	9.5	-	-	-	1	40	4.5
<b>Outdoor Environment</b>	Ascospores	1	40	4.8	1	40	3.3	3	120	13.6
	Basidiospores	-	-	-	2	80	6.7	2	80	9.1
	Bipolaris	1	40	4.8	-	-	-	-	-	-
	Curvularia	-	-	-	-	-	-	-	-	-
	Epicoccum	-	-	-	1	40	3.3	-	-	-
	Nigrospora	1	40	4.8	-	-	-	-	-	-
	Periconia/Myxo/Smut	1	40	4.8	2	80	6.7	2	80	9.1
	Pithomyces	-	-	-	-	-	-	-	-	-
	Rust	-	-	-	-	-	-	-	-	-
	Spegazzinia	-	-	-	-	-	-	-	-	-
	Tetraploa	-	-	-	-	-	-	-	-	-
	Torula	-	-	-	-	-	-	-	-	-
	Miscellaneous Spores	-	-	-	-	-	-	-	-	-
	Oidium	-	-	-	-	-	-	-	-	-
	Ganoderma	-	-	-	-	-	-	-	-	-
	<b>Total</b>	<b>21</b>	<b>840</b>	<b>100</b>	<b>30</b>	<b>1200</b>	<b>100</b>	<b>22</b>	<b>880</b>	<b>100</b>



## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

www.aihlab.com

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111107

**Samples Received:** 24

**Samples Analyzed:** 24

<b>Laboratory Sample ID:</b>	<b>211110710</b>	<b>211110711</b>	<b>211110712</b>
<b>Client Sample ID:</b>	<b>MA-0047</b>	<b>MA-0048</b>	<b>MA-0049</b>
<b>Sample Location:</b>	<b>1st Floor, Classroom 432</b>	<b>1st Floor, Classroom 433</b>	<b>1st Floor, Classroom 435</b>

### Sample Collection Data

Total Time:			
Flow Rate:			
Volume:	75	75	75

### Qualitative Analysis

Skin Fragments- 1 to 5 (low to high):	2	2	2
Background/m3- 1 to 5 (low to high):	4	4	4
Hyphal Fragments- 1 to 5 (low to high):	1	1	1





## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

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**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111107

**Samples Received:** 24

**Samples Analyzed:** 24

<b>Laboratory Sample ID:</b>	<b>211110713</b>	<b>211110714</b>	<b>211110715</b>
<b>Client Sample ID:</b>	<b>MA-0050</b>	<b>MA-0051</b>	<b>MA-0052</b>
<b>Sample Location:</b>	<b>1st Floor, Classroom 422</b>	<b>1st Floor, Classroom 421</b>	<b>1st Floor, Classroom 411</b>
<b>Comments:</b>	<i>This sample is heavy with particulate. There may be discrepancies in the results.</i>	<i>None</i>	<i>None</i>

### Quantitative Analysis

		Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total
<b>Inside/Outside</b>	Aspergillus/Penicillium-like	11	440	25.6	2	80	20.0	11	440	61.1
	Cladosporium	16	640	37.2	2	80	20.0	5	200	27.8
<b>Water Damage Indication</b>	Chaetomium	-	-	-	-	-	-	-	-	-
	Stachybotrys	-	-	-	-	-	-	-	-	-
	Trichoderma	-	-	-	-	-	-	-	-	-
	Ulocladium	-	-	-	-	-	-	-	-	-
<b>Outdoor Environment</b>	Alternaria	3	120	7.0	1	40	10.0	-	-	-
	Ascospores	2	80	4.7	-	-	-	-	-	-
	Basidiospores	3	120	7.0	1	40	10.0	-	-	-
	Bipolaris	-	-	-	-	-	-	-	-	-
	Curvularia	-	-	-	-	-	-	-	-	-
	Epicoccum	-	-	-	-	-	-	-	-	-
	Nigrospora	-	-	-	-	-	-	-	-	-
	Periconia/Myxo/Smut	7	280	16.3	3	120	30.0	1	40	5.6
	Pithomyces	-	-	-	-	-	-	-	-	-
	Rust	-	-	-	-	-	-	-	-	-
	Spegazzinia	-	-	-	-	-	-	-	-	-
	Tetraploa	-	-	-	-	-	-	-	-	-
	Torula	-	-	-	-	-	-	-	-	-
	Miscellaneous Spores	1	40	2.3	1	40	10.0	1	40	5.6
	Oidium	-	-	-	-	-	-	-	-	-
	Ganoderma	-	-	-	-	-	-	-	-	-
<b>Total</b>		<b>43</b>	<b>1720</b>	<b>100</b>	<b>10</b>	<b>400</b>	<b>100</b>	<b>18</b>	<b>720</b>	<b>100</b>



## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

www.aihlab.com

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111107

**Samples Received:** 24

**Samples Analyzed:** 24

<b>Laboratory Sample ID:</b>	<b>211110713</b>	<b>211110714</b>	<b>211110715</b>
<b>Client Sample ID:</b>	<b>MA-0050</b>	<b>MA-0051</b>	<b>MA-0052</b>
<b>Sample Location:</b>	<b>1st Floor, Classroom 422</b>	<b>1st Floor, Classroom 421</b>	<b>1st Floor, Classroom 411</b>

### Sample Collection Data

Total Time:			
Flow Rate:			
Volume:	75	75	75

### Qualitative Analysis

Skin Fragments- 1 to 5 (low to high):	3	2	2
Background/m3- 1 to 5 (low to high):	5	4	4
Hyphal Fragments- 1 to 5 (low to high):	3	1	1







# MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone:(562) 860-2201

www.aihlab.com

<b>Client Name:</b> A-Tech Consulting Inc	<b>Report Status:</b> Final Report
<b>Client Address:</b> 1640 N. Batavia Street, Orange, CA 92867	<b>AIHA EMPAT#:</b> 203769
<b>Project Number:</b> 211886	<b>Lab Batch Number:</b> 2111107
<b>Project Location:</b> 240 North Cerritos Avenue, Azusa, CA 91702	<b>Samples Received:</b> 24
	<b>Samples Analyzed:</b> 24

<b>Laboratory Sample ID:</b>	<b>211110716</b>	<b>211110717</b>	<b>211110718</b>
<b>Client Sample ID:</b>	<b>MA-0053</b>	<b>MA-0054</b>	<b>MA-0055</b>
<b>Sample Location:</b>	<b>1st Floor, Classroom 230</b>	<b>1st Floor, Library</b>	<b>1st Floor, Classroom 320</b>
<b>Comments:</b>	<i>None</i>	<i>None</i>	<i>None</i>

## Quantitative Analysis

		Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total
<b>Inside/Outside</b>	Aspergillus/Penicillium-like	8	320	42.1	11	440	47.8	4	160	33.3
	Cladosporium	5	200	26.3	6	240	26.1	5	200	41.7
<b>Water Damage Indication</b>	Chaetomium	-	-	-	-	-	-	-	-	-
	Stachybotrys	-	-	-	-	-	-	-	-	-
	Trichoderma	-	-	-	-	-	-	-	-	-
	Ulocladium	-	-	-	-	-	-	-	-	-
<b>Outdoor Environment</b>	Alternaria	-	-	-	-	-	-	1	40	8.3
	Ascospores	-	-	-	-	-	-	-	-	-
	Basidiospores	-	-	-	1	40	4.3	2	80	16.7
	Bipolaris	-	-	-	-	-	-	-	-	-
	Curvularia	-	-	-	-	-	-	-	-	-
	Epicoccum	-	-	-	-	-	-	-	-	-
	Nigrospora	-	-	-	-	-	-	-	-	-
	Periconia/Myxo/Smut	5	200	26.3	5	200	21.7	-	-	-
	Pithomyces	-	-	-	-	-	-	-	-	-
	Rust	-	-	-	-	-	-	-	-	-
	Spegazzinia	-	-	-	-	-	-	-	-	-
	Tetraploa	-	-	-	-	-	-	-	-	-
	Torula	-	-	-	-	-	-	-	-	-
	Miscellaneous Spores	1	40	5.3	-	-	-	-	-	-
	Oidium	-	-	-	-	-	-	-	-	-
	Ganoderma	-	-	-	-	-	-	-	-	-
<b>Total</b>		<b>19</b>	<b>760</b>	<b>100</b>	<b>23</b>	<b>920</b>	<b>100</b>	<b>12</b>	<b>480</b>	<b>100</b>



## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone:(562) 860-2201

www.aihlab.com

**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111107

**Samples Received:** 24

**Samples Analyzed:** 24

<b>Laboratory Sample ID:</b>	<b>211110716</b>	<b>211110717</b>	<b>211110718</b>
<b>Client Sample ID:</b>	<b>MA-0053</b>	<b>MA-0054</b>	<b>MA-0055</b>
<b>Sample Location:</b>	<b>1st Floor, Classroom 230</b>	<b>1st Floor, Library</b>	<b>1st Floor, Classroom 320</b>

### Sample Collection Data

Total Time:			
Flow Rate:			
Volume:	75	75	75

### Qualitative Analysis

Skin Fragments- 1 to 5 (low to high):	2	2	2
Background/m3- 1 to 5 (low to high):	4	4	3
Hyphal Fragments- 1 to 5 (low to high):	2	1	1





# MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone:(562) 860-2201

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<b>Client Name:</b> A-Tech Consulting Inc	<b>Report Status:</b> Final Report
<b>Client Address:</b> 1640 N. Batavia Street, Orange, CA 92867	<b>AIHA EMPAT#:</b> 203769
<b>Project Number:</b> 211886	<b>Lab Batch Number:</b> 2111107
<b>Project Location:</b> 240 North Cerritos Avenue, Azusa, CA 91702	<b>Samples Received:</b> 24
	<b>Samples Analyzed:</b> 24

<b>Laboratory Sample ID:</b>	<b>211110719</b>	<b>211110720</b>	<b>211110721</b>
<b>Client Sample ID:</b>	<b>MA-0056</b>	<b>MA-0057</b>	<b>MA-0058</b>
<b>Sample Location:</b>	<b>1st Floor, Classroom 6</b>	<b>1st Floor, Classroom 2</b>	<b>1st Floor, Classroom 235</b>
<b>Comments:</b>	<i>None</i>	<i>None</i>	<i>None</i>

## Quantitative Analysis

		Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total
<b>Inside/Outside</b>	Aspergillus/Penicillium-like	10	400	58.8	11	440	52.4	25	1000	54.3
	Cladosporium	2	80	11.8	6	240	28.6	13	520	28.3
<b>Water Damage Indication</b>	Chaetomium	-	-	-	-	-	-	-	-	-
	Stachybotrys	-	-	-	-	-	-	-	-	-
	Trichoderma	-	-	-	-	-	-	-	-	-
	Ulocladium	-	-	-	-	-	-	-	-	-
<b>Outdoor Environment</b>	Alternaria	-	-	-	-	-	-	2	80	4.3
	Ascospores	-	-	-	-	-	-	-	-	-
	Basidiospores	-	-	-	2	80	9.5	2	80	4.3
	Bipolaris	-	-	-	-	-	-	-	-	-
	Curvularia	-	-	-	-	-	-	-	-	-
	Epicoccum	1	40	5.9	-	-	-	-	-	-
	Nigrospora	-	-	-	-	-	-	-	-	-
	Periconia/Myxo/Smut	4	160	23.5	2	80	9.5	4	160	8.7
	Pithomyces	-	-	-	-	-	-	-	-	-
	Rust	-	-	-	-	-	-	-	-	-
	Spegazzinia	-	-	-	-	-	-	-	-	-
	Tetraploa	-	-	-	-	-	-	-	-	-
	Torula	-	-	-	-	-	-	-	-	-
	Miscellaneous Spores	-	-	-	-	-	-	-	-	-
	Oidium	-	-	-	-	-	-	-	-	-
	Ganoderma	-	-	-	-	-	-	-	-	-
<b>Total</b>		<b>17</b>	<b>680</b>	<b>100</b>	<b>21</b>	<b>840</b>	<b>100</b>	<b>46</b>	<b>1840</b>	<b>100</b>



## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

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**Client Name:** A-Tech Consulting Inc

**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111107

**Samples Received:** 24

**Samples Analyzed:** 24

<b>Laboratory Sample ID:</b>	<b>211110719</b>	<b>211110720</b>	<b>211110721</b>
<b>Client Sample ID:</b>	<b>MA-0056</b>	<b>MA-0057</b>	<b>MA-0058</b>
<b>Sample Location:</b>	<b>1st Floor, Classroom 6</b>	<b>1st Floor, Classroom 2</b>	<b>1st Floor, Classroom 235</b>

### Sample Collection Data

Total Time:			
Flow Rate:			
Volume:	75	75	75

### Qualitative Analysis

Skin Fragments- 1 to 5 (low to high):	2	1	3
Background/m3- 1 to 5 (low to high):	4	3	4
Hyphal Fragments- 1 to 5 (low to high):	1	1	1





# MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

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<b>Client Name:</b> A-Tech Consulting Inc	<b>Report Status:</b> Final Report
<b>Client Address:</b> 1640 N. Batavia Street, Orange, CA 92867	<b>AIHA EMPAT#:</b> 203769
<b>Project Number:</b> 211886	<b>Lab Batch Number:</b> 2111107
<b>Project Location:</b> 240 North Cerritos Avenue, Azusa, CA 91702	<b>Samples Received:</b> 24
	<b>Samples Analyzed:</b> 24

<b>Laboratory Sample ID:</b>	<b>211110722</b>	<b>211110723</b>	<b>211110724</b>
<b>Client Sample ID:</b>	<b>MA-0059</b>	<b>MA-0060</b>	<b>MA-0061</b>
<b>Sample Location:</b>	<b>1st Floor, Classroom 213</b>	<b>1st Floor, Classroom 214</b>	<b>1st Floor, Classroom 132</b>
<b>Comments:</b>	<i>None</i>	<i>None</i>	<i>None</i>

## Quantitative Analysis

		Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total
<b>Inside/Outside</b>	Aspergillus/Penicillium-like	15	600	45.5	6	240	85.7	6	240	30.0
	Cladosporium	5	200	15.2	-	-	-	-	-	-
<b>Water Damage Indication</b>	Chaetomium	-	-	-	-	-	-	-	-	-
	Stachybotrys	-	-	-	-	-	-	-	-	-
	Trichoderma	-	-	-	-	-	-	-	-	-
	Ulocladium	-	-	-	-	-	-	-	-	-
<b>Outdoor Environment</b>	Alternaria	2	80	6.1	-	-	-	-	-	-
	Ascospores	-	-	-	-	-	-	2	80	10.0
	Basidiospores	2	80	6.1	1	40	14.3	3	120	15.0
	Bipolaris	2	80	6.1	-	-	-	1	40	5.0
	Curvularia	-	-	-	-	-	-	-	-	-
	Epicoccum	-	-	-	-	-	-	-	-	-
	Nigrospora	-	-	-	-	-	-	-	-	-
	Periconia/Myxo/Smut	7	280	21.2	-	-	-	7	280	35.0
	Pithomyces	-	-	-	-	-	-	-	-	-
	Rust	-	-	-	-	-	-	-	-	-
	Spegazzinia	-	-	-	-	-	-	-	-	-
	Tetraploa	-	-	-	-	-	-	-	-	-
	Torula	-	-	-	-	-	-	-	-	-
	Miscellaneous Spores	-	-	-	-	-	-	-	-	-
	Oidium	-	-	-	-	-	-	-	-	-
	Ganoderma	-	-	-	-	-	-	1	40	5.0
<b>Total</b>		<b>33</b>	<b>1320</b>	<b>100</b>	<b>7</b>	<b>280</b>	<b>100</b>	<b>20</b>	<b>800</b>	<b>100</b>



## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

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**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111107

**Samples Received:** 24

**Samples Analyzed:** 24

<b>Laboratory Sample ID:</b>	<b>211110722</b>	<b>211110723</b>	<b>211110724</b>
<b>Client Sample ID:</b>	<b>MA-0059</b>	<b>MA-0060</b>	<b>MA-0061</b>
<b>Sample Location:</b>	<b>1st Floor, Classroom 213</b>	<b>1st Floor, Classroom 214</b>	<b>1st Floor, Classroom 132</b>

### Sample Collection Data

Total Time:			
Flow Rate:			
Volume:	75	75	75

### Qualitative Analysis


Skin Fragments- 1 to 5 (low to high):	3	1	2
Background/m3- 1 to 5 (low to high):	5	1	5
Hyphal Fragments- 1 to 5 (low to high):	1	1	1

**Analyzed by:** Emily Chang

**Signature:** 

**Date:** 07-16-2021

**Reviewed by:** Zubair Ahmed

**Signature:** 

**Date:** 07-16-2021

No accepted regulatory standards currently exist by which to assess the health risks related to mold exposure. Molds have been associated with a variety of health effects and sensitivity varies from person to person. Results are not blank corrected unless otherwise noted. The detection limit is equal to one fungal spore, structure, pollen, fiber particle or insect fragment. High levels of background particulate can obscure spores and other particulates leading to underestimation. "-" Denotes not detected. Background levels of 4 or 5 indicate an overload of background particulates, prohibiting accurate detection and quantification. AIH Laboratory maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by AIH Laboratory. AIH Laboratory bears no responsibility for sample collection activities or analytical method limitations. Spores/m<sup>3</sup> calculation based on volume information provided by client. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted. All report format and design are copyright of AIH Laboratory 2021.

AIHA LAP, LLC Accredited Laboratory for Microbiology Laboratory ISO/IEC 17025:2005, Lab ID# 203769



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**Report Status:** Final Report

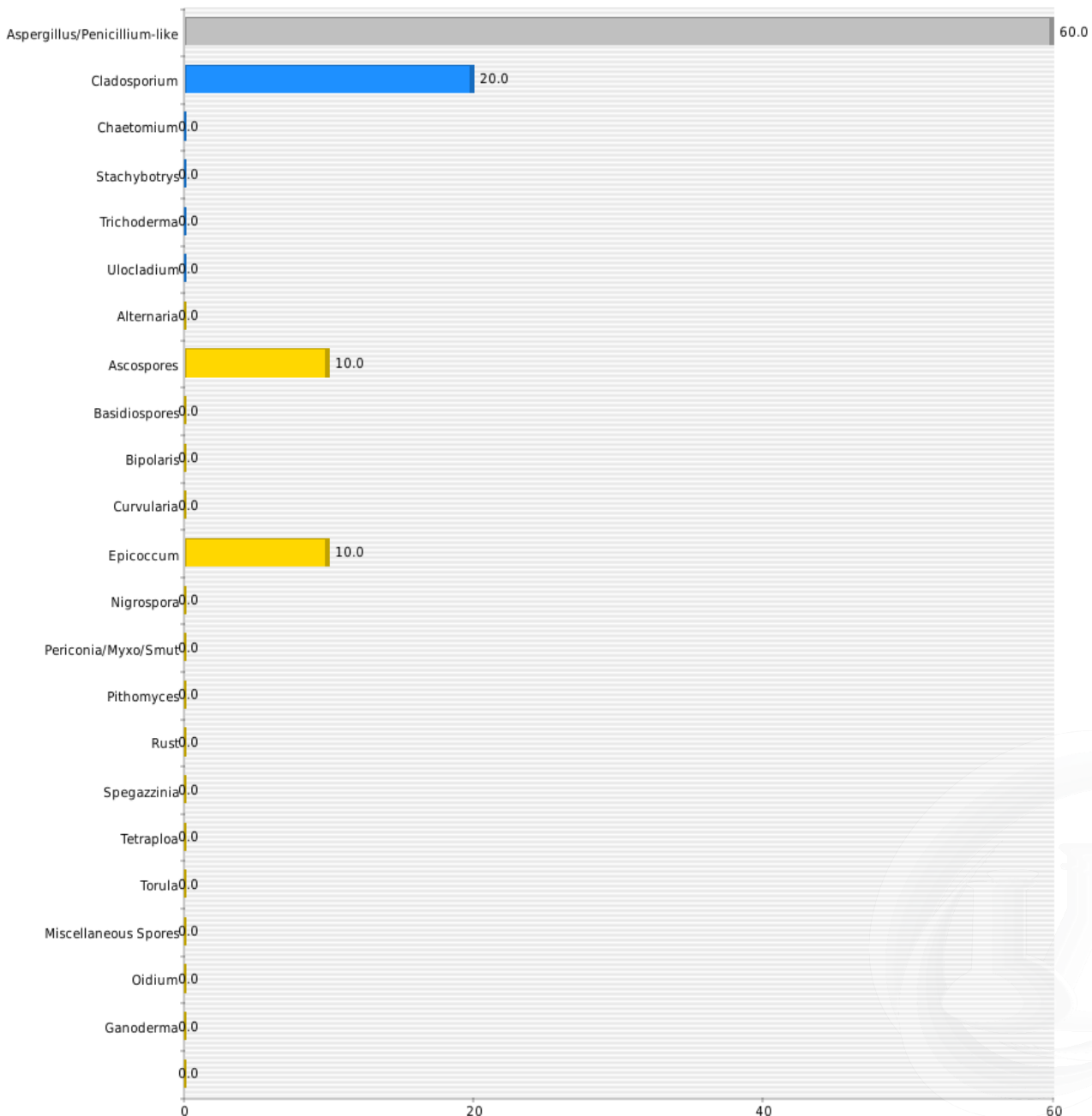
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111107

**Samples Received:** 24

**Samples Analyzed:** 24

### 1st Floor, Classroom 323 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

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**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

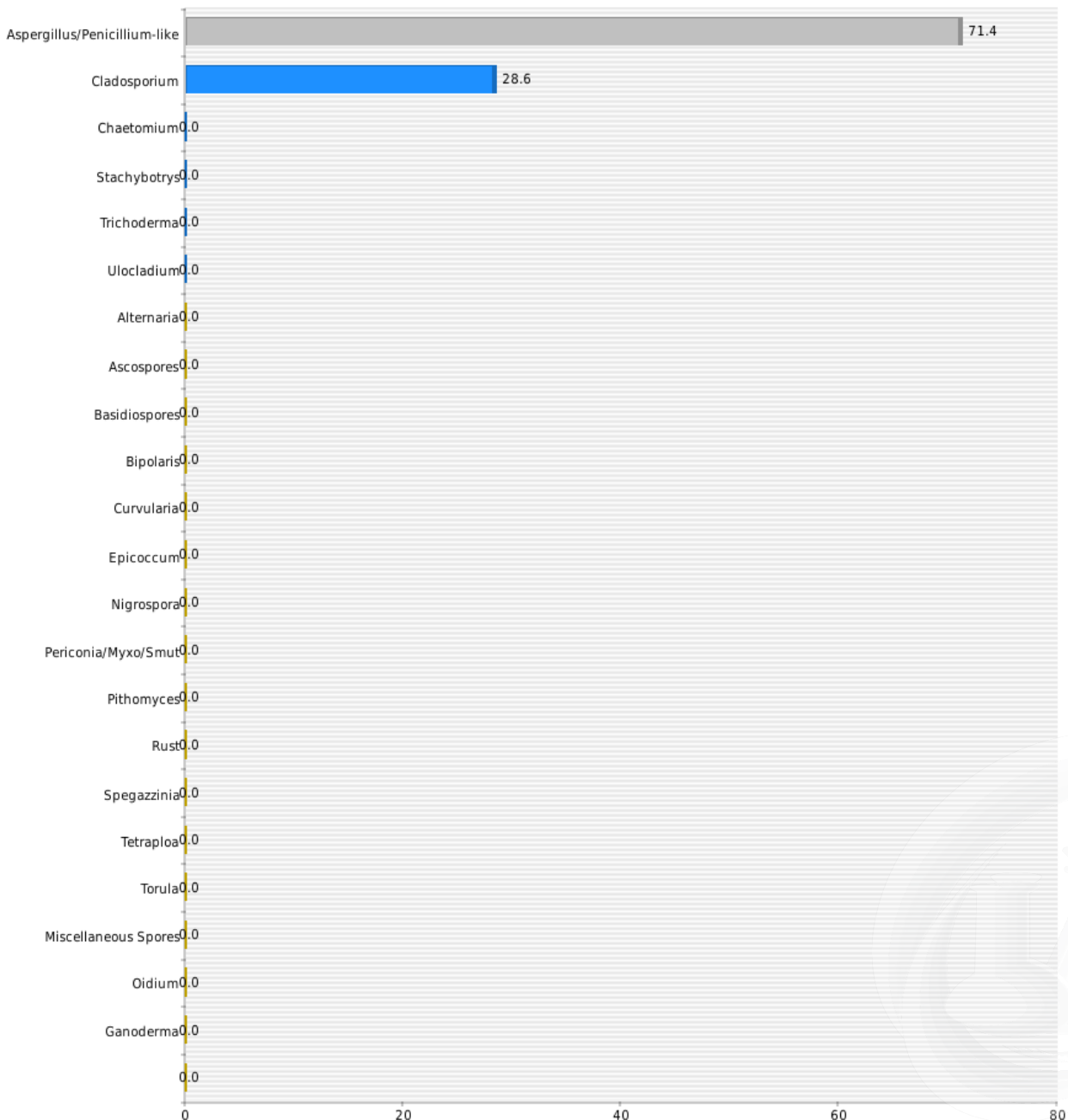
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111107

**Samples Received:** 24

**Samples Analyzed:** 24

### 1st Floor, Classroom 322 (Spore Percentage)







## MOLD AIR SAMPLE REPORT

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**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

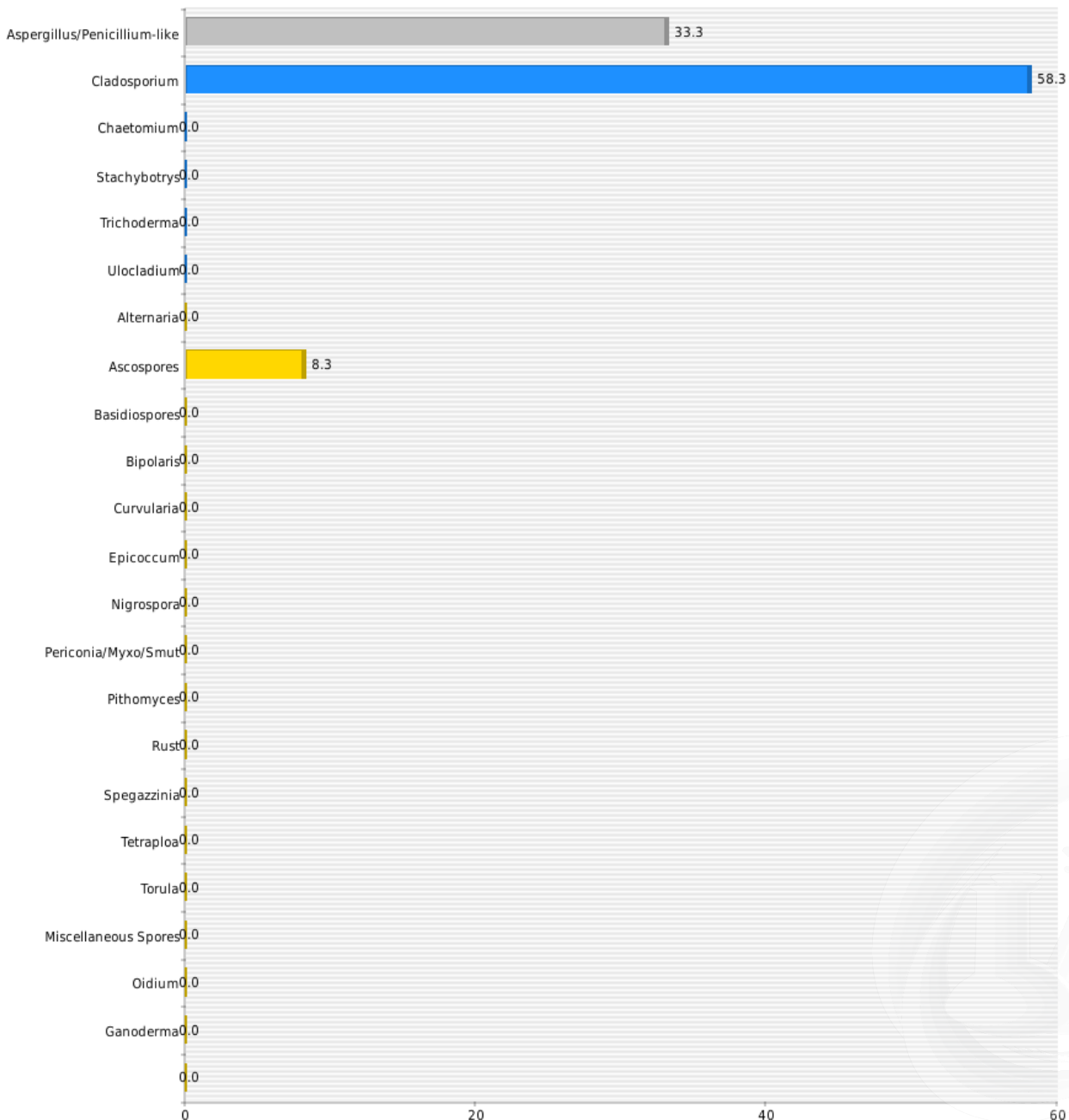
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111107

**Samples Received:** 24

**Samples Analyzed:** 24

### 1st Floor, Classroom 335 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

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**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

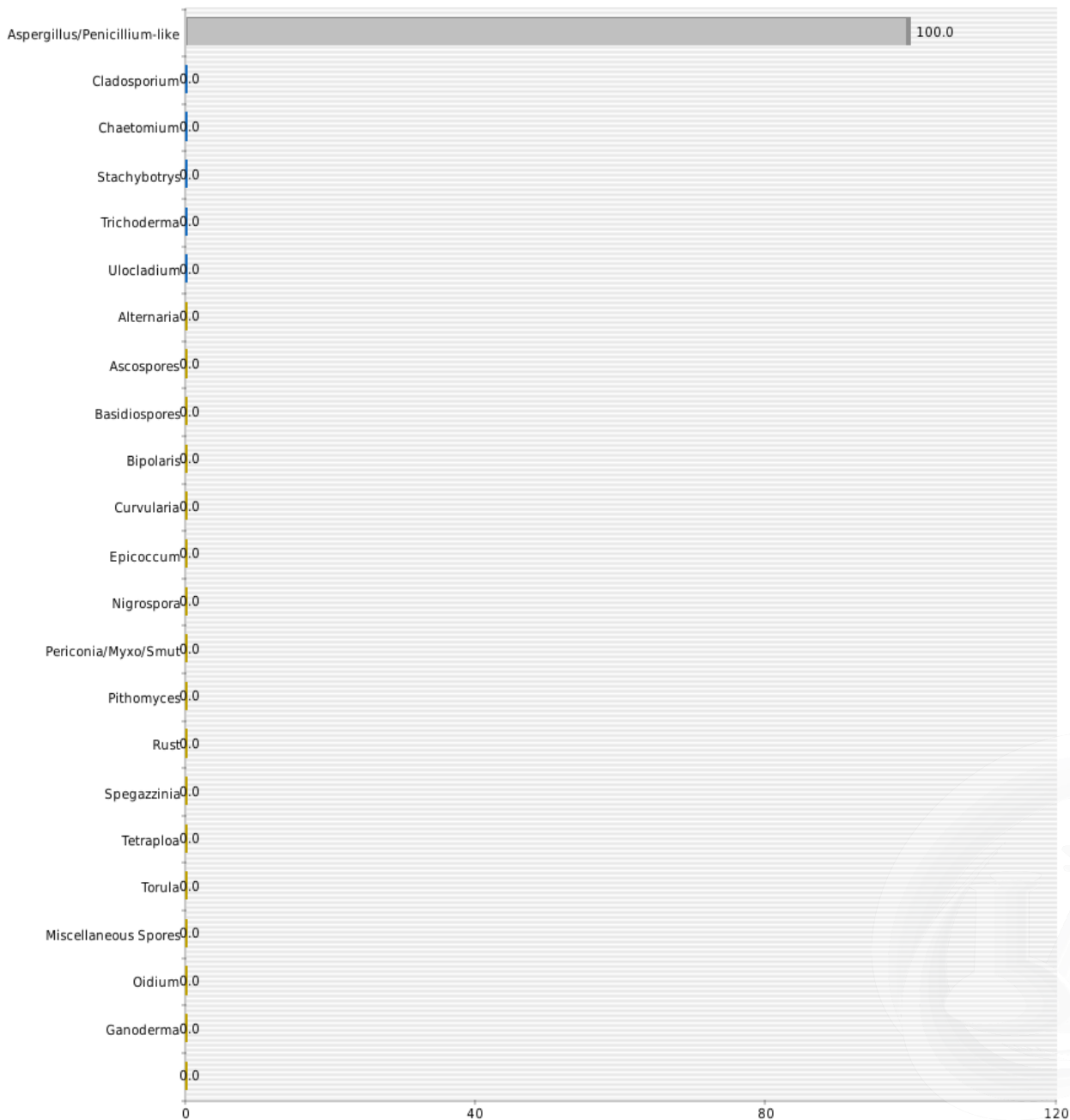
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111107

**Samples Received:** 24

**Samples Analyzed:** 24

### 1st Floor, Classroom 331 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

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**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

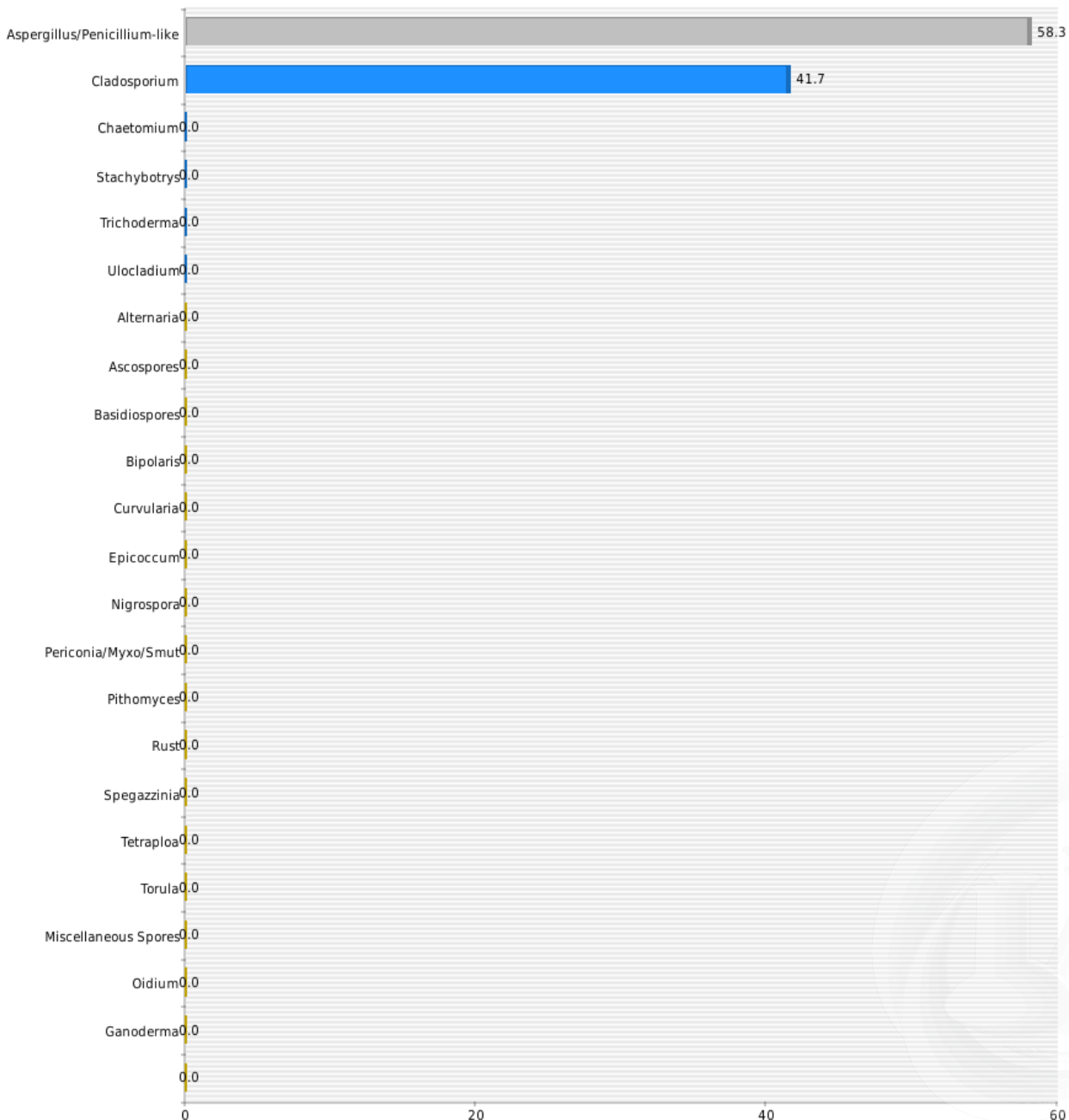
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111107

**Samples Received:** 24

**Samples Analyzed:** 24

### 1st Floor, Classroom 415 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

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**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111107

**Samples Received:** 24

**Samples Analyzed:** 24

### 1st Floor, Classroom 425 (Spore Percentage)





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**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

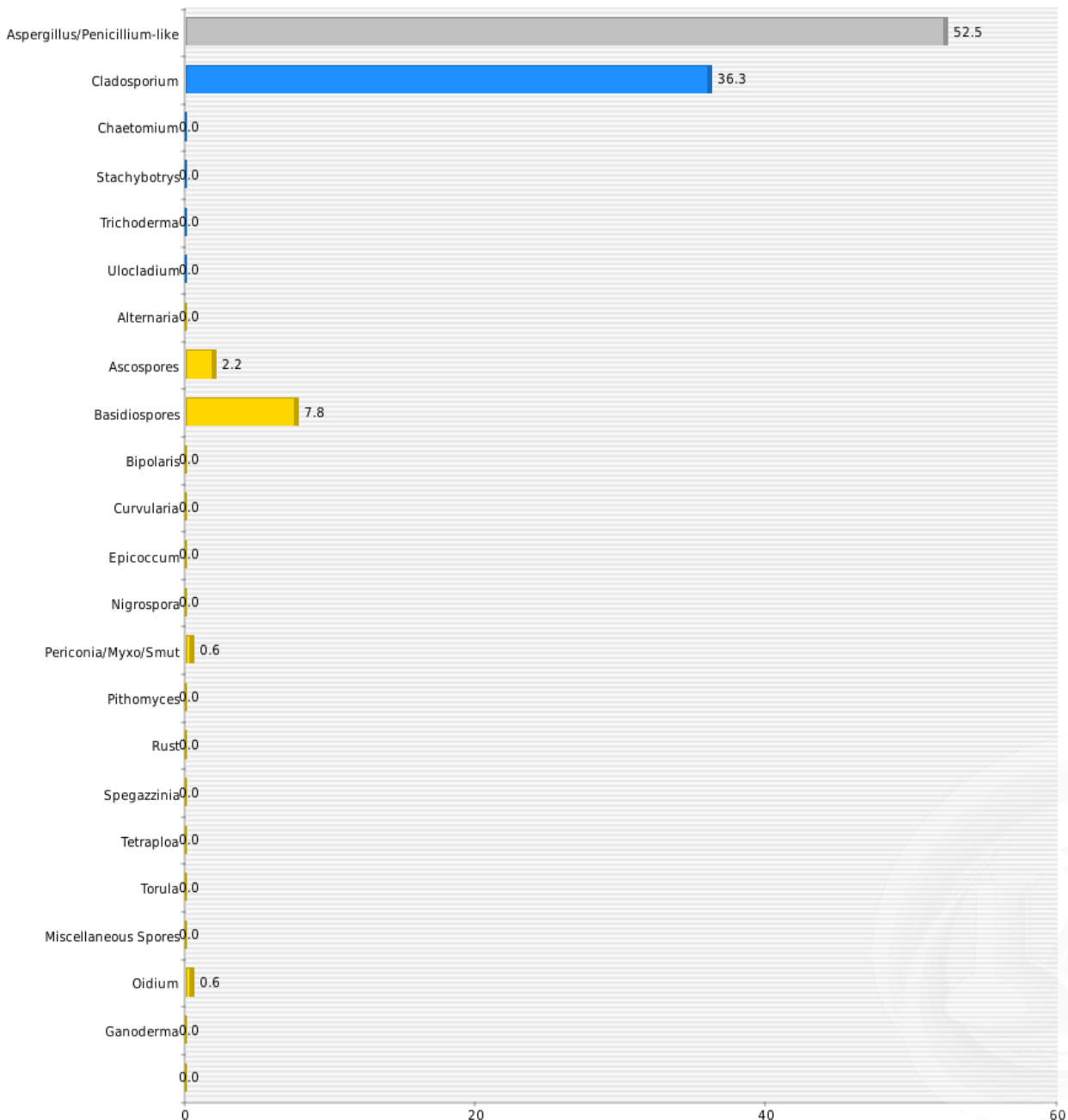
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111107

**Samples Received:** 24

**Samples Analyzed:** 24

### Exterior (Spore Percentage)





## MOLD AIR SAMPLE REPORT

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**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

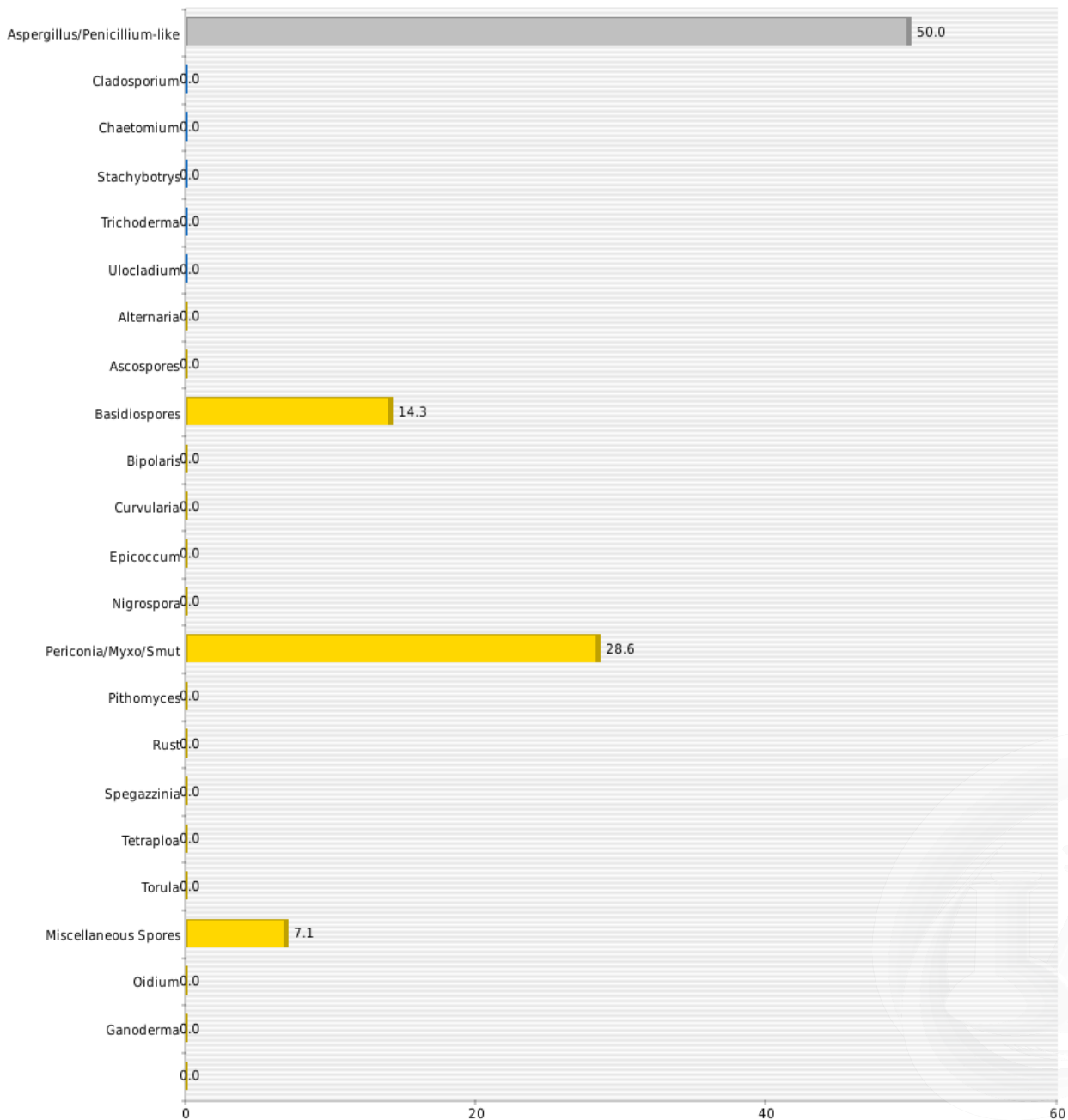
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111107

**Samples Received:** 24

**Samples Analyzed:** 24

### 1st Floor, Classroom 420/430 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

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**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

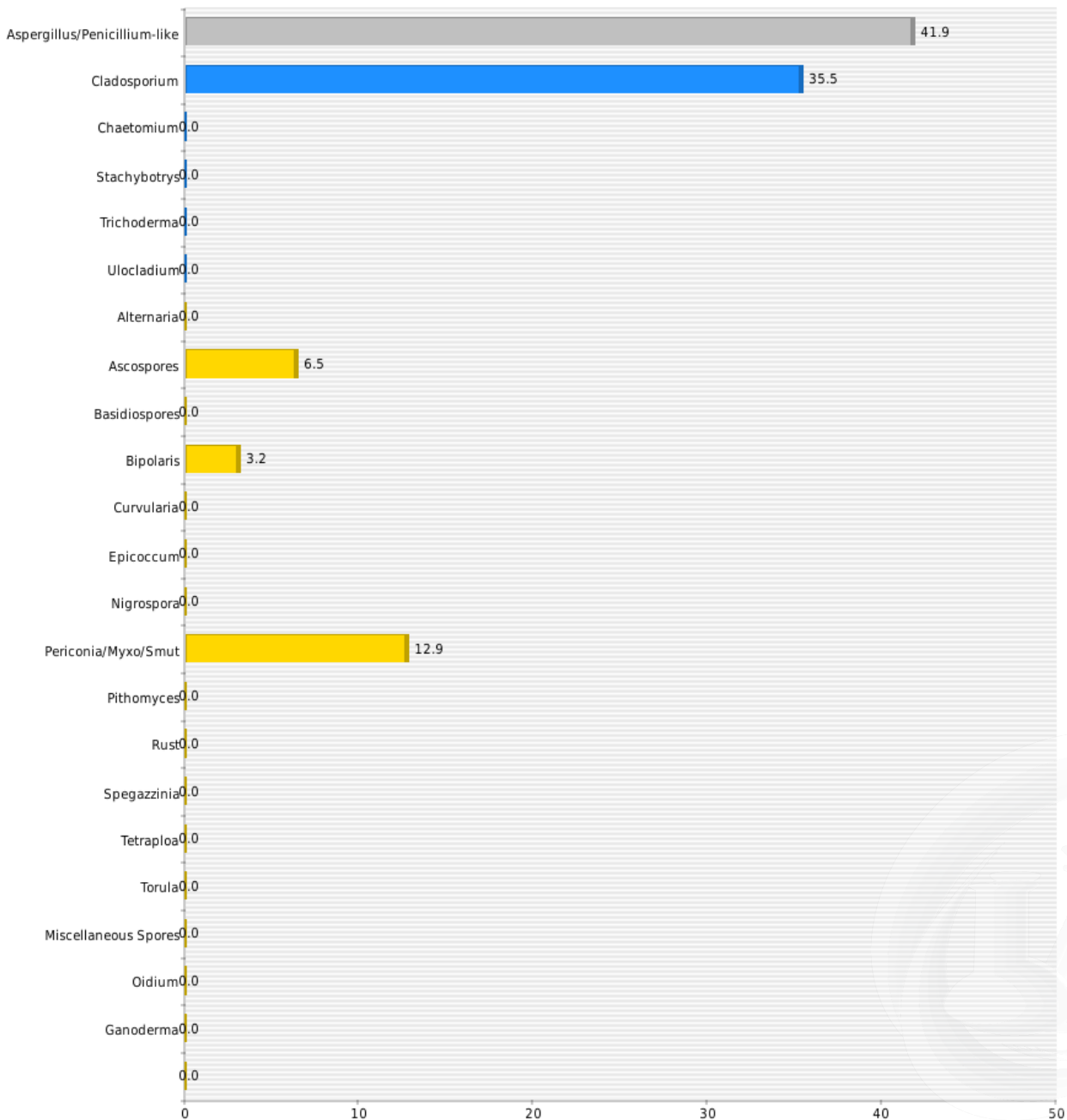
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111107

**Samples Received:** 24

**Samples Analyzed:** 24

### 1st Floor, Classroom 431 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

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**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

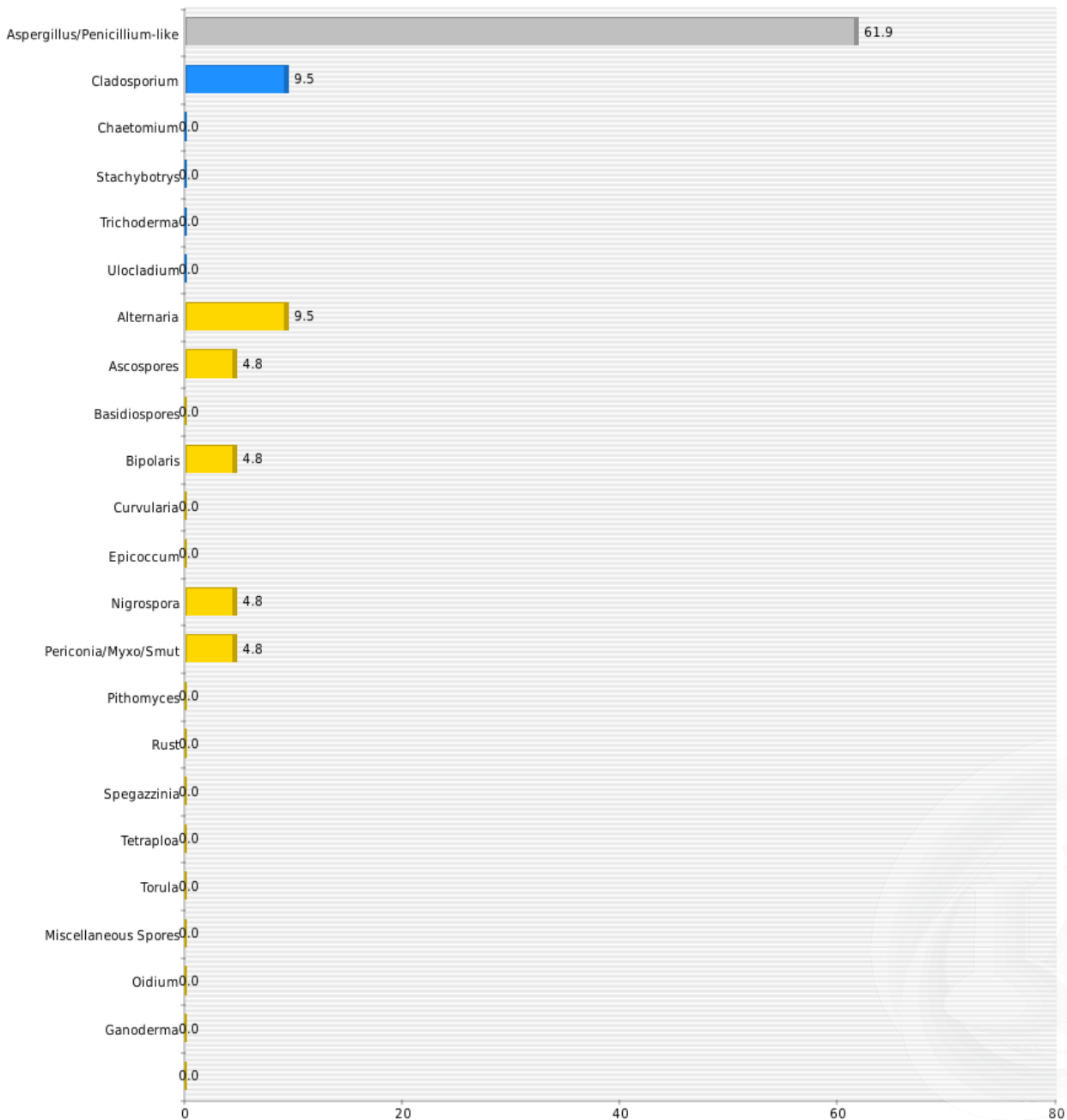
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111107

**Samples Received:** 24

**Samples Analyzed:** 24

### 1st Floor, Classroom 432 (Spore Percentage)







## MOLD AIR SAMPLE REPORT

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**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

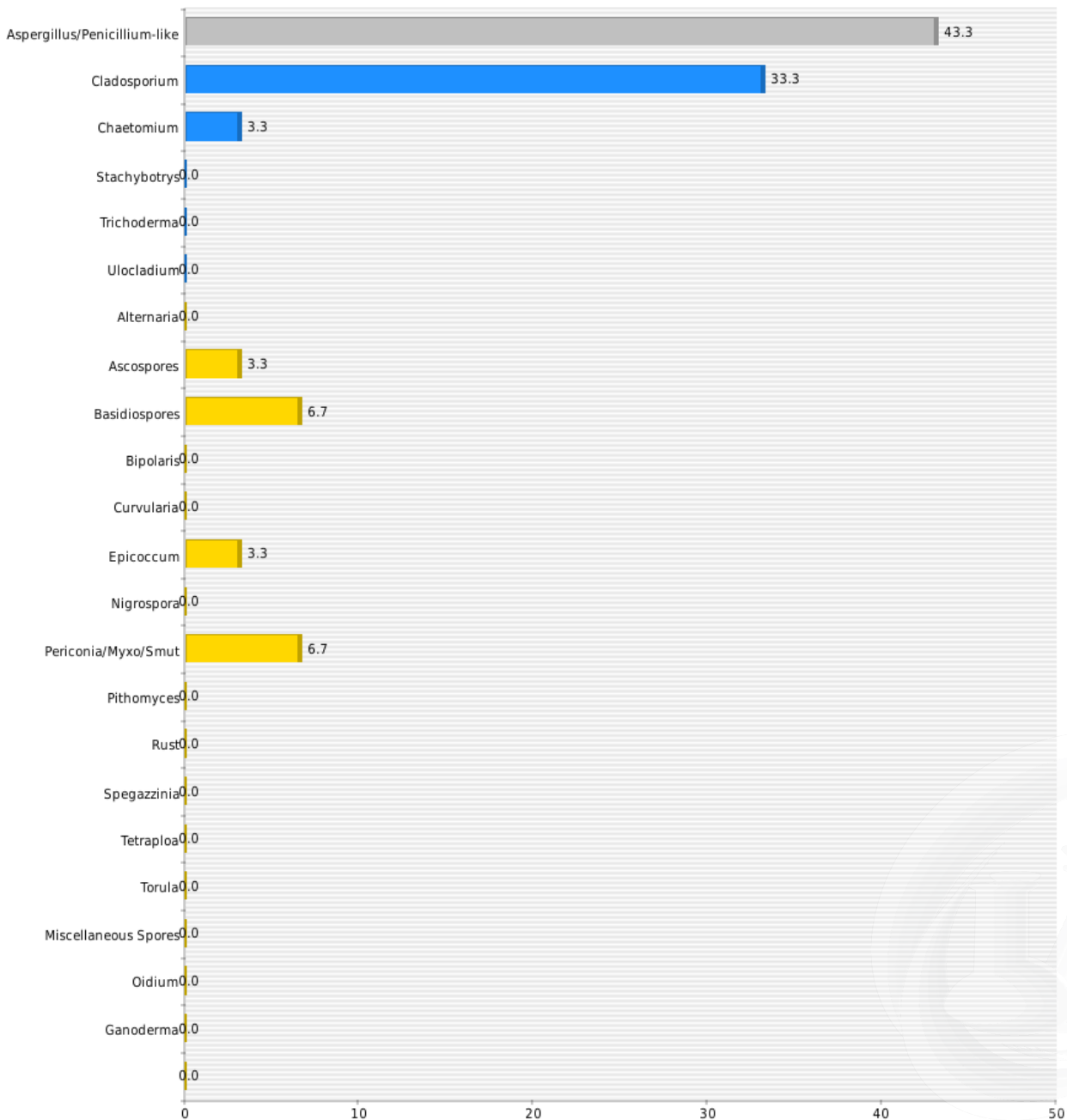
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111107

**Samples Received:** 24

**Samples Analyzed:** 24

**1st Floor, Classroom 433 (Spore Percentage)**





## MOLD AIR SAMPLE REPORT

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**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

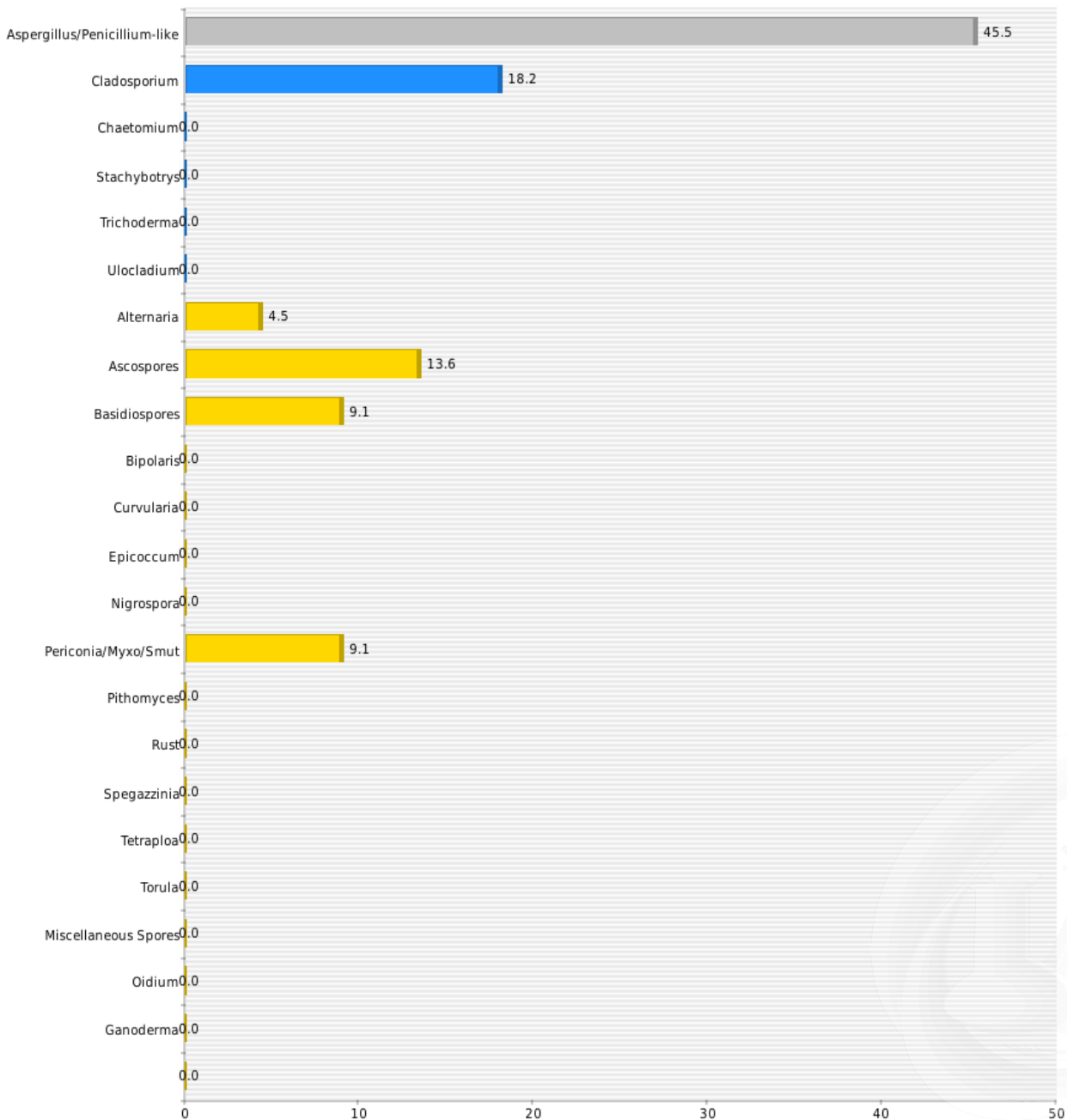
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111107

**Samples Received:** 24

**Samples Analyzed:** 24

**1st Floor, Classroom 435 (Spore Percentage)**





## MOLD AIR SAMPLE REPORT

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**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

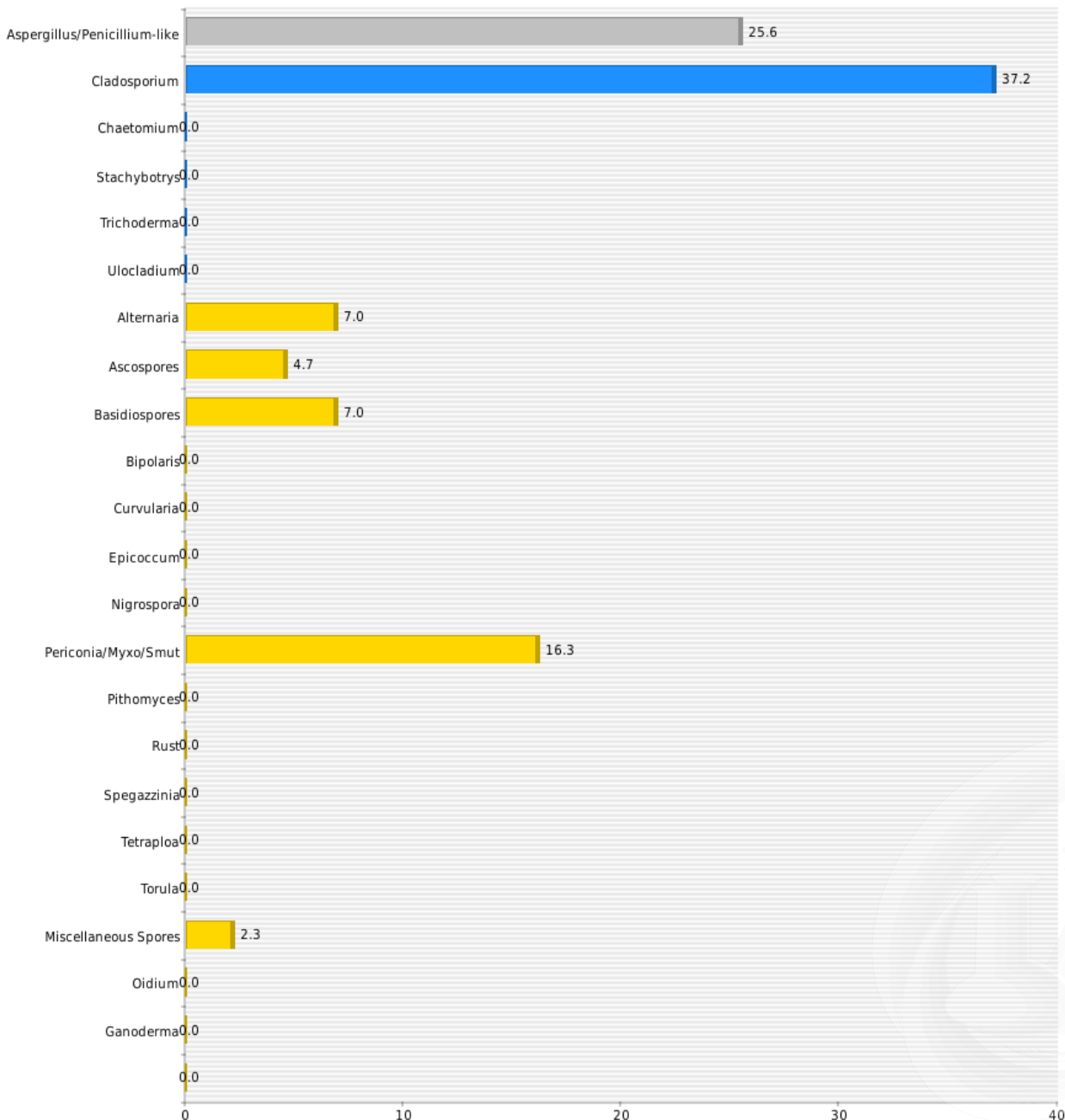
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111107

**Samples Received:** 24

**Samples Analyzed:** 24

### 1st Floor, Classroom 422 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

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**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

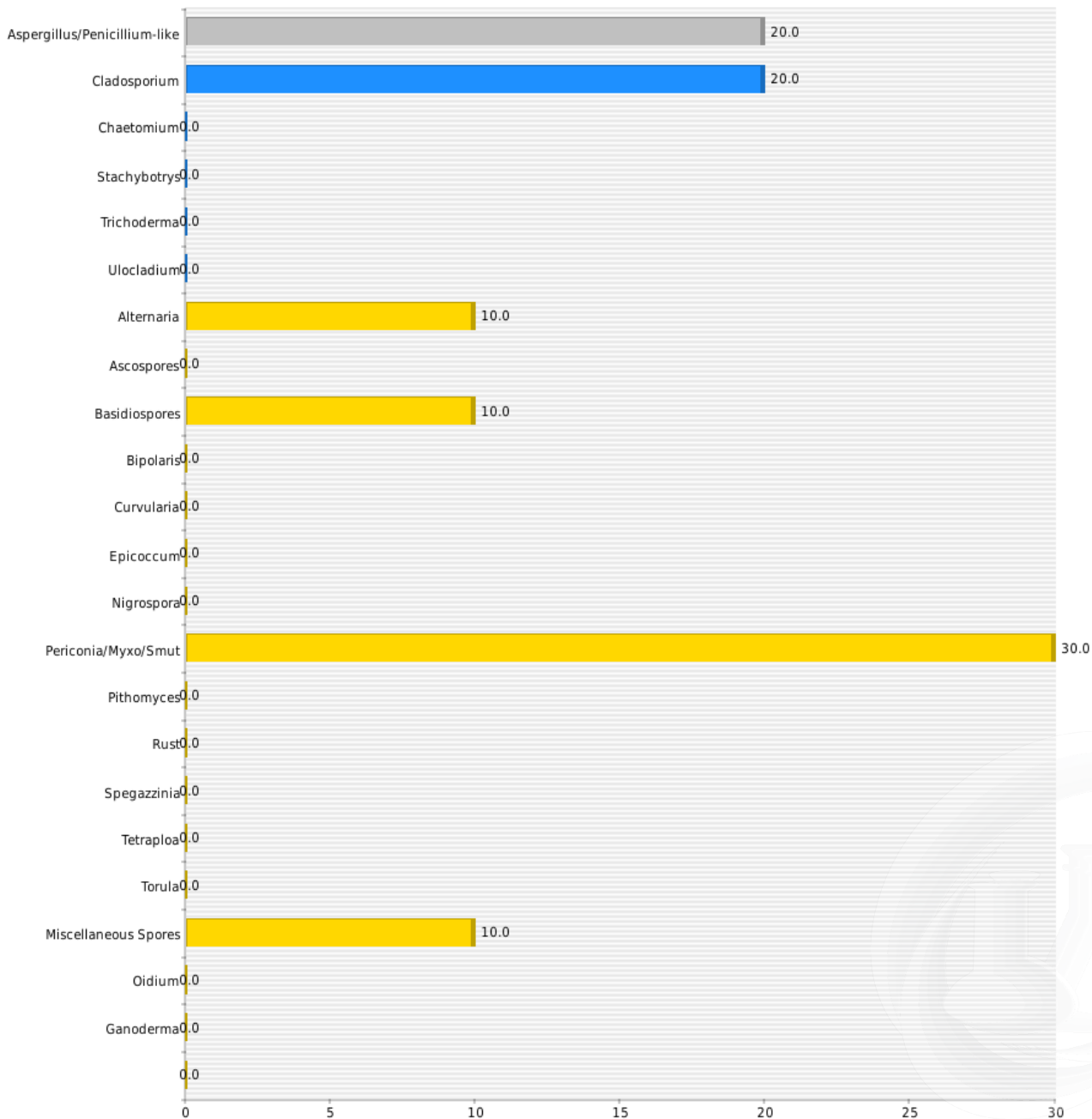
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111107

**Samples Received:** 24

**Samples Analyzed:** 24

### 1st Floor, Classroom 421 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

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www.aihlab.com

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**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

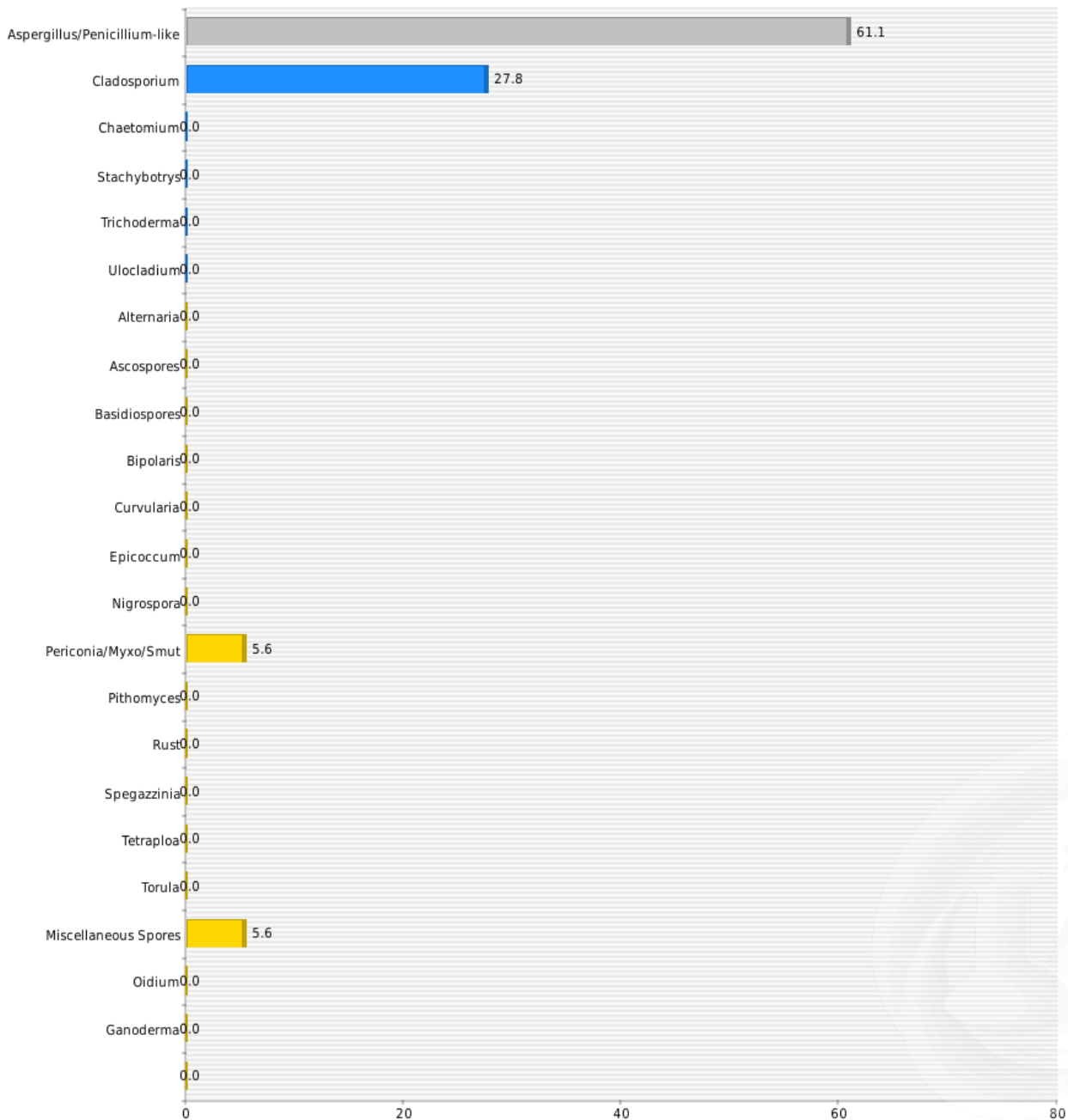
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111107

**Samples Received:** 24

**Samples Analyzed:** 24

### 1st Floor, Classroom 411 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

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**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

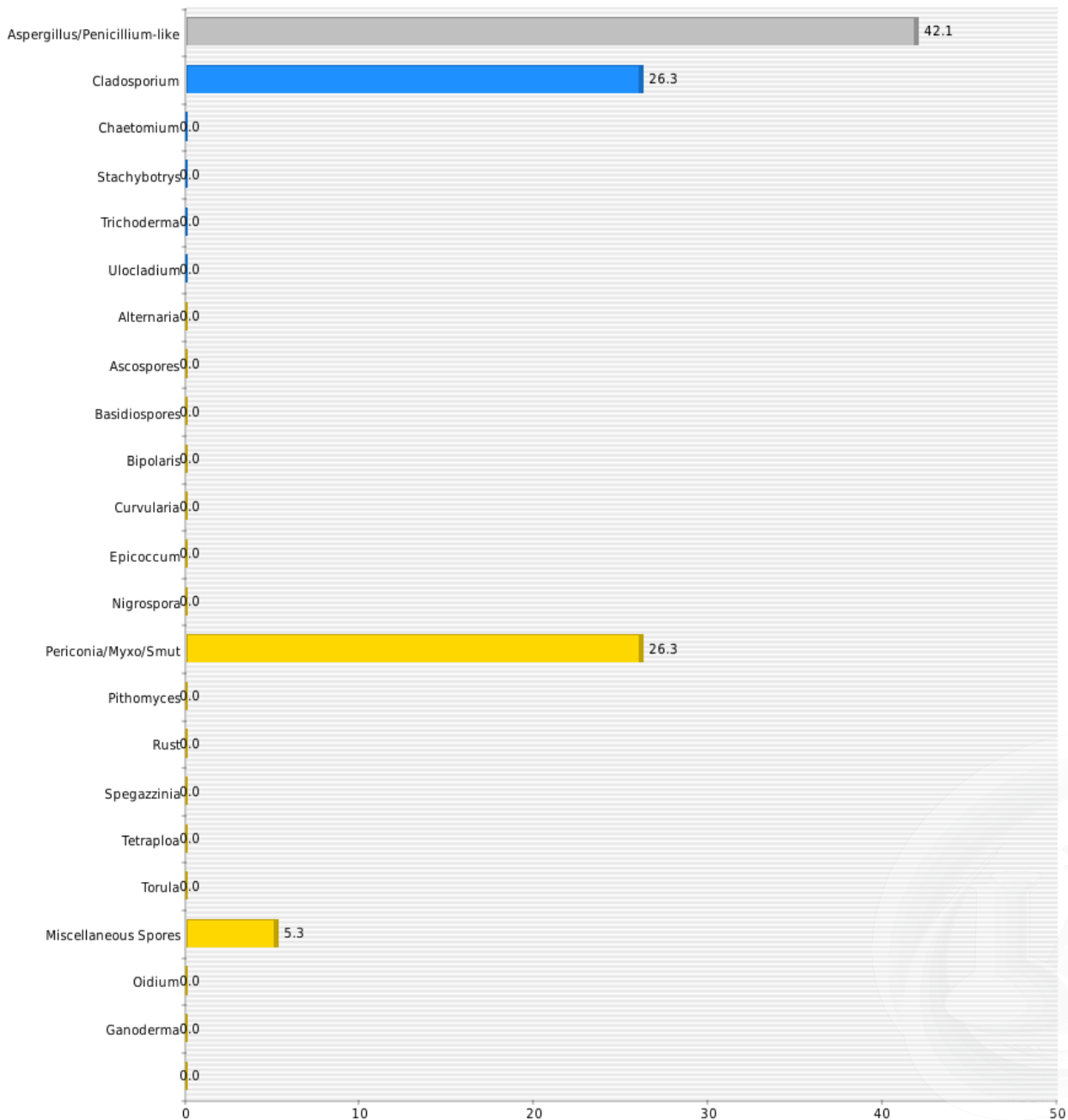
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111107

**Samples Received:** 24

**Samples Analyzed:** 24

### 1st Floor, Classroom 230 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

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**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

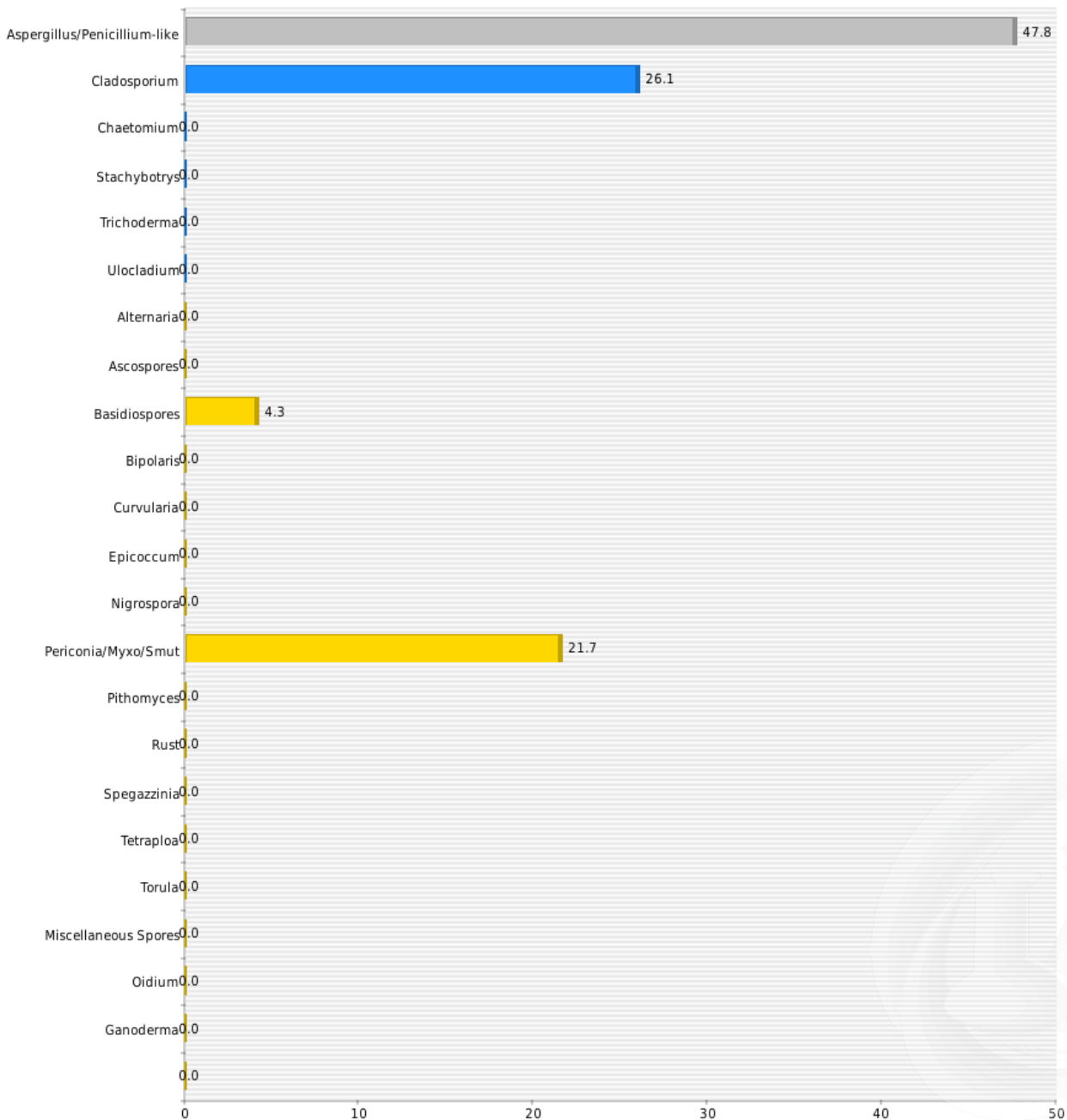
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111107

**Samples Received:** 24

**Samples Analyzed:** 24

### 1st Floor, Library (Spore Percentage)





## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

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**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

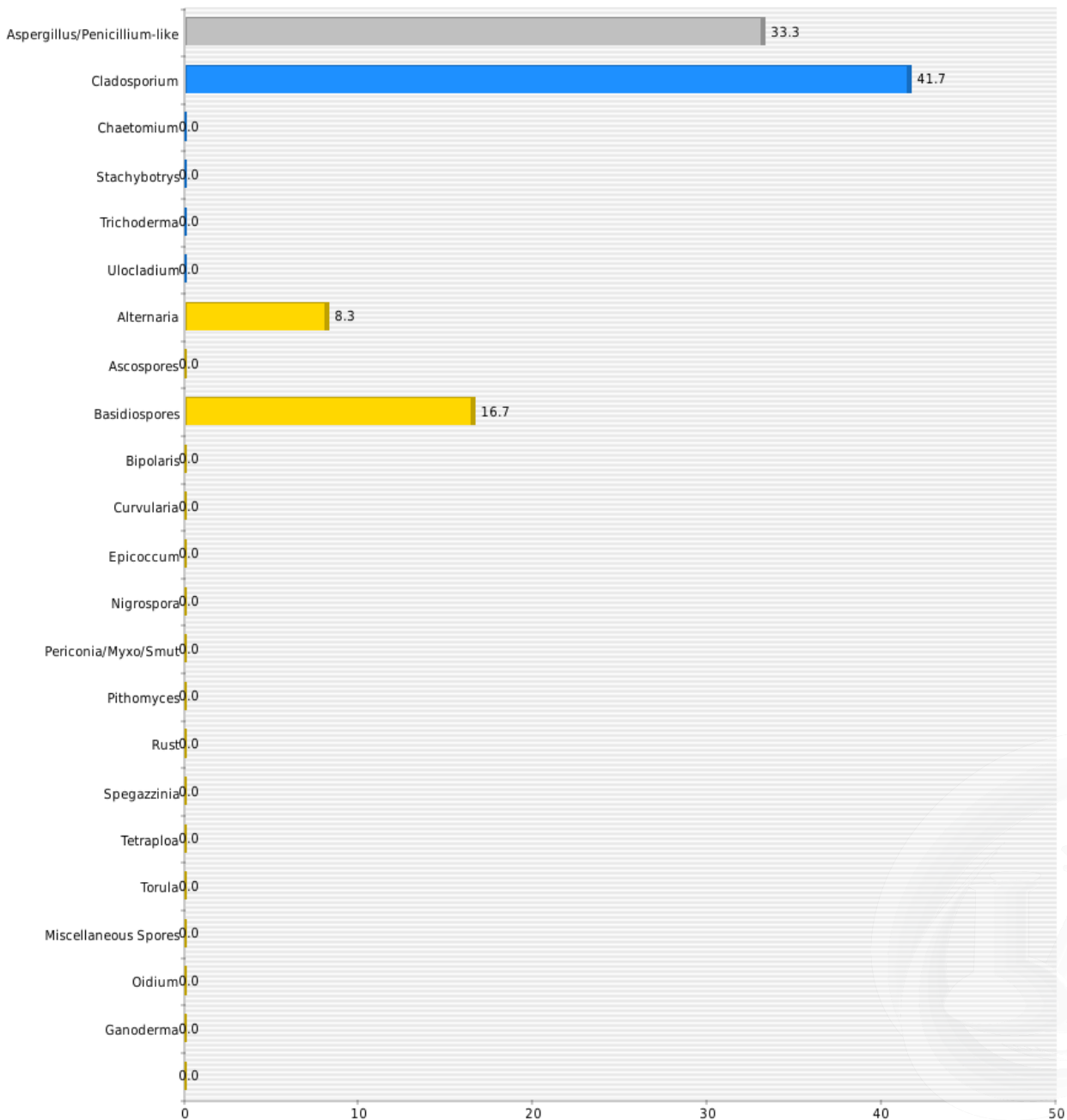
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111107

**Samples Received:** 24

**Samples Analyzed:** 24

### 1st Floor, Classroom 320 (Spore Percentage)







## MOLD AIR SAMPLE REPORT

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**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

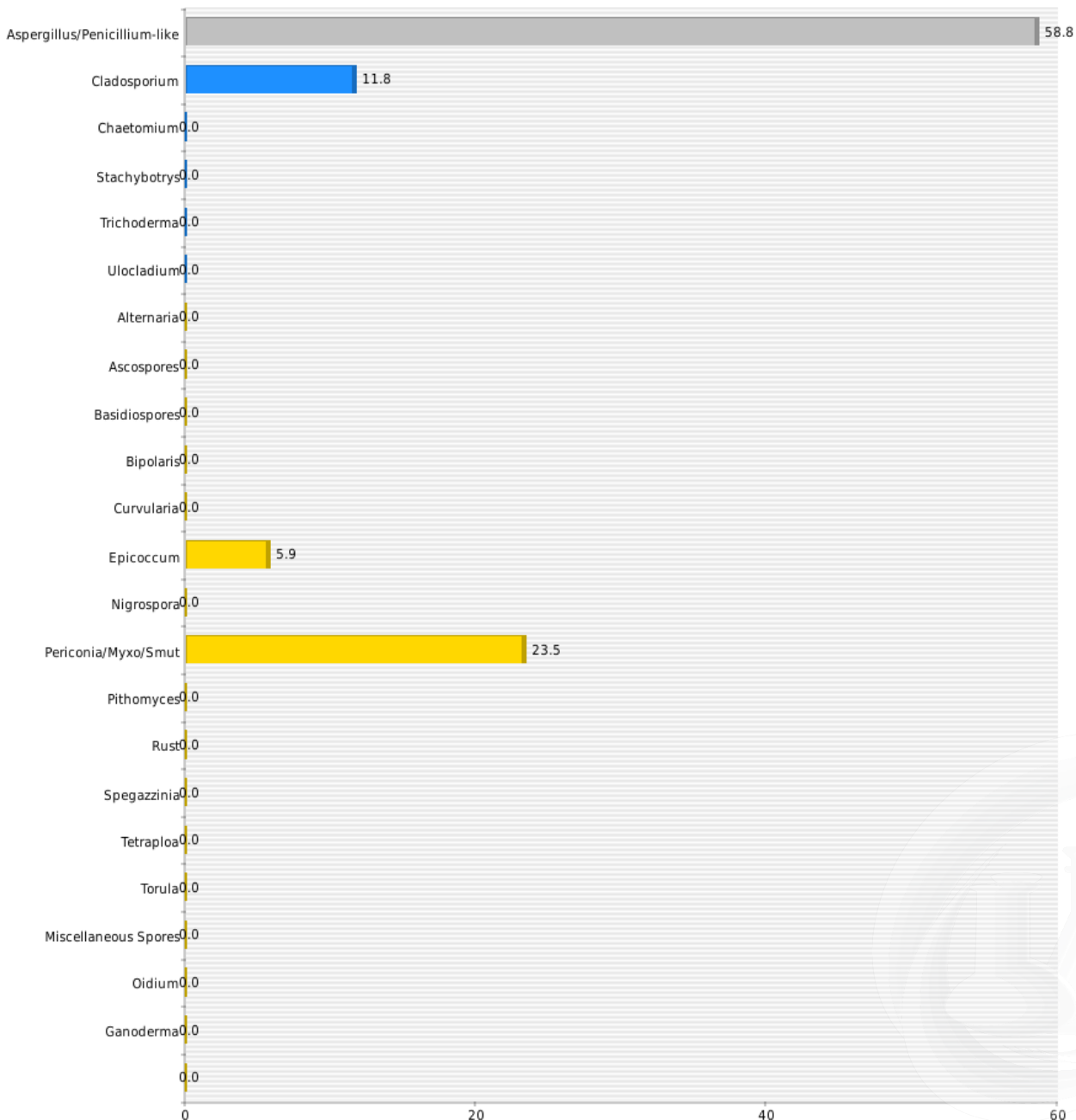
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111107

**Samples Received:** 24

**Samples Analyzed:** 24

### 1st Floor, Classroom 6 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

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**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

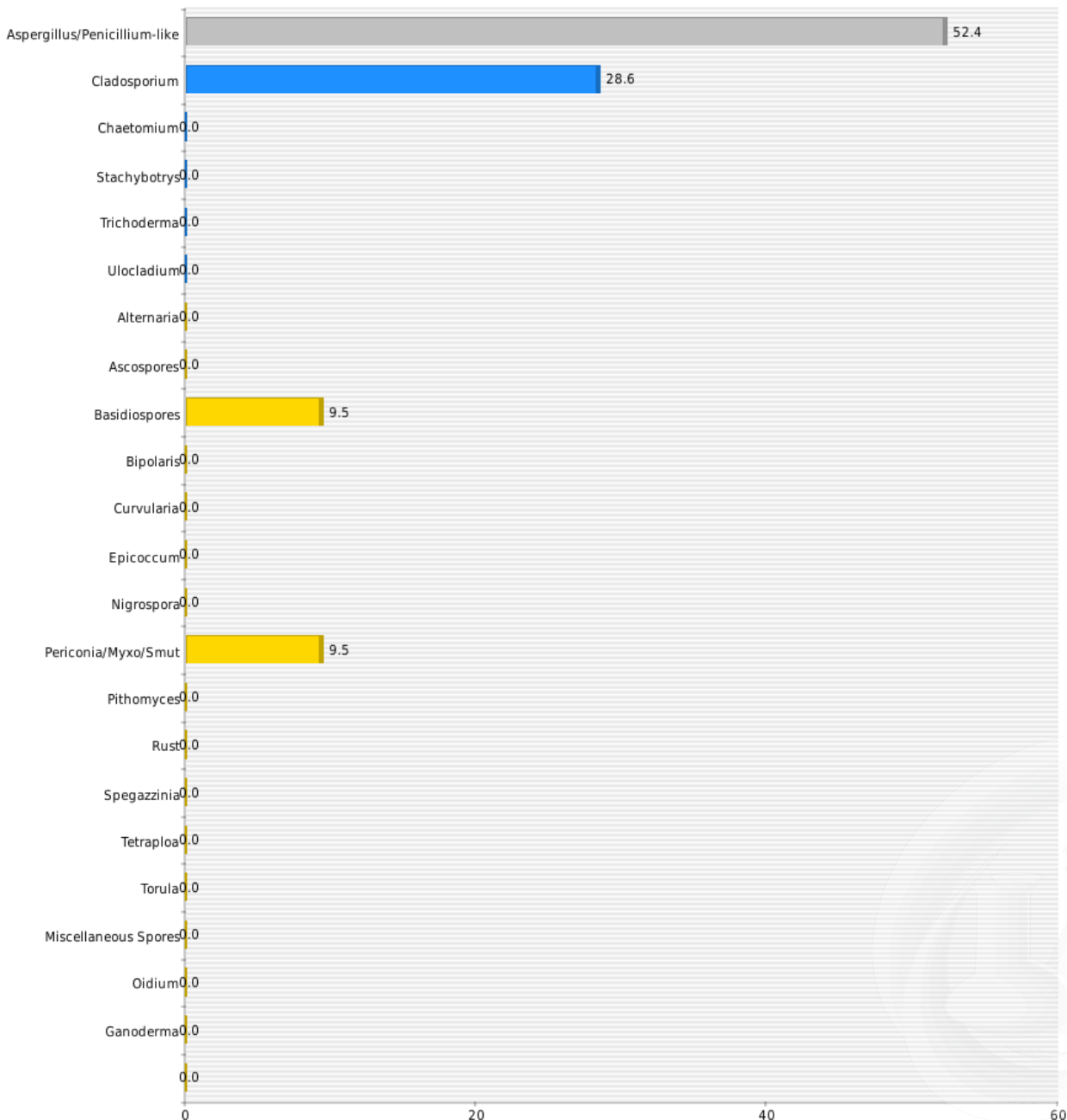
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111107

**Samples Received:** 24

**Samples Analyzed:** 24

### 1st Floor, Classroom 2 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

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**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

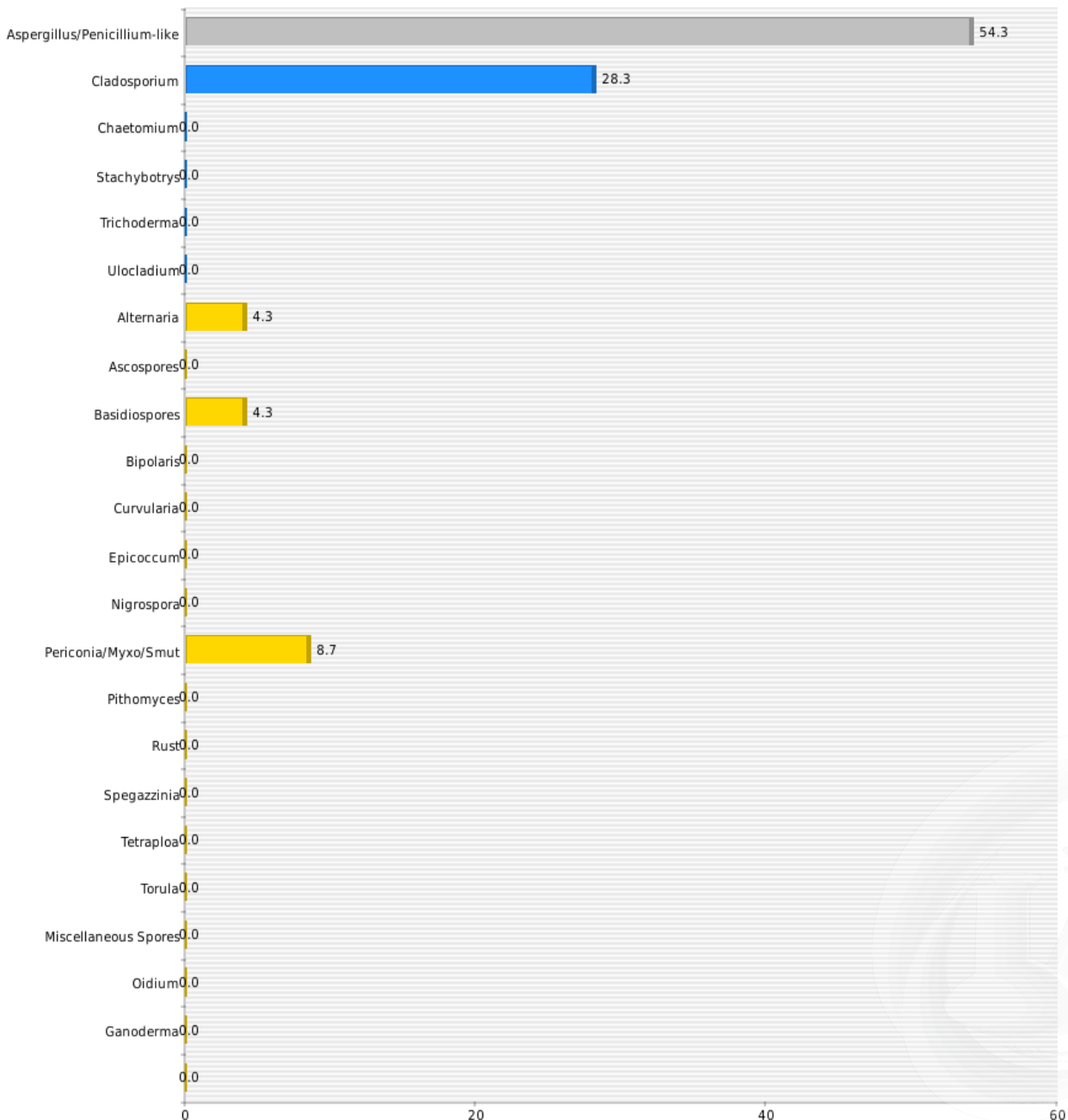
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111107

**Samples Received:** 24

**Samples Analyzed:** 24

### 1st Floor, Classroom 235 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

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**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

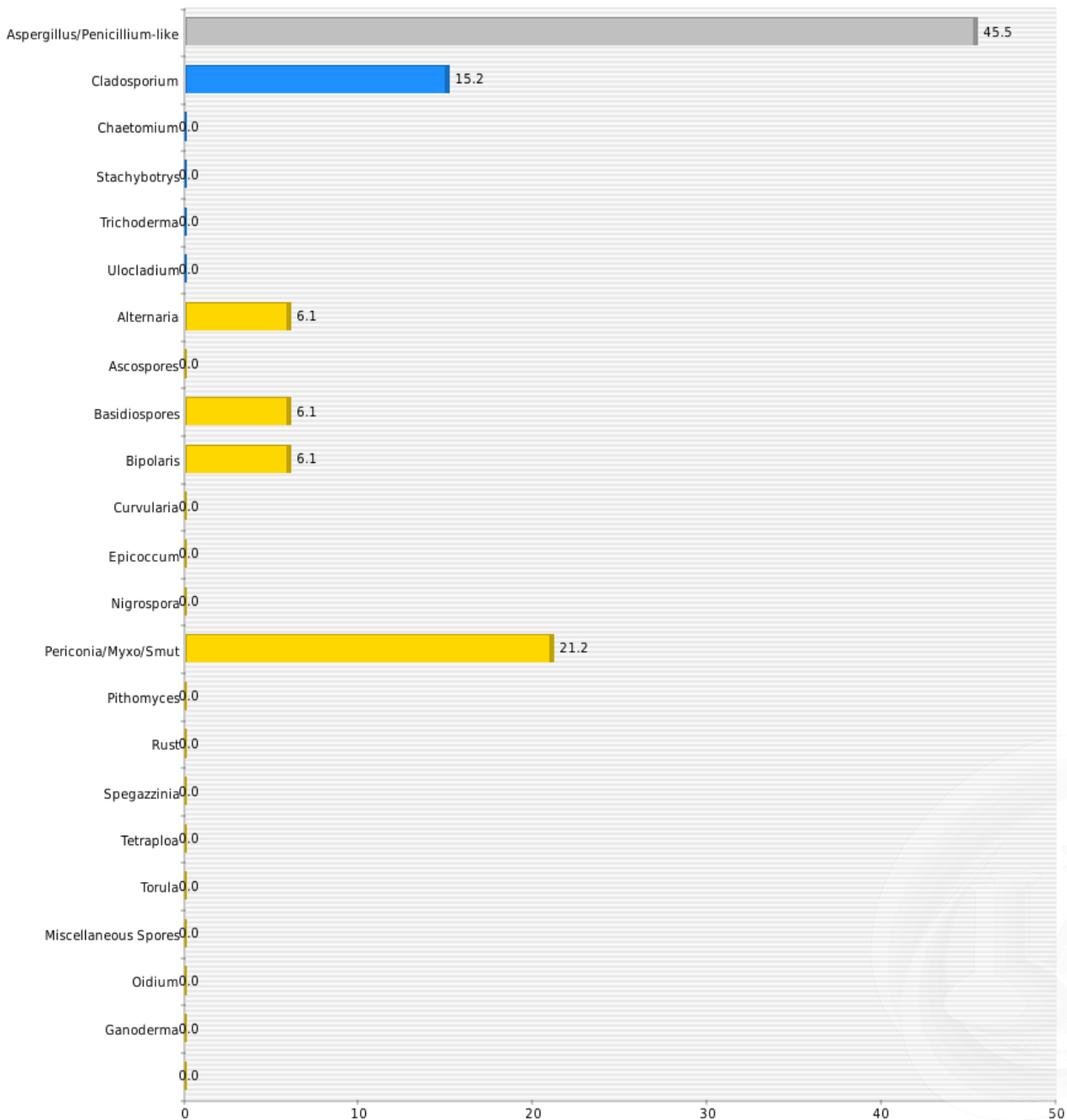
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111107

**Samples Received:** 24

**Samples Analyzed:** 24

### 1st Floor, Classroom 213 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

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**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

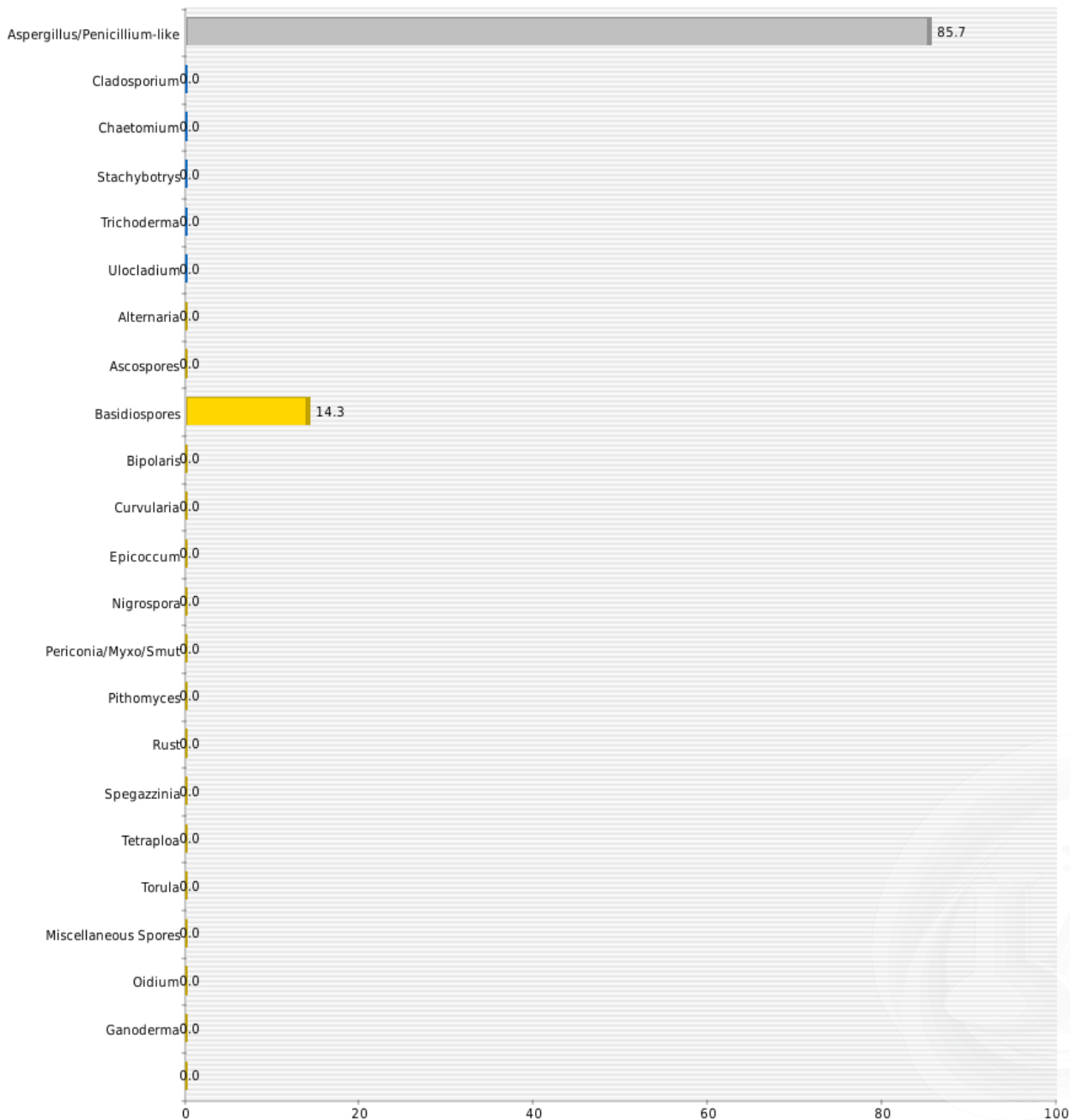
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111107

**Samples Received:** 24

**Samples Analyzed:** 24

### 1st Floor, Classroom 214 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

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**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

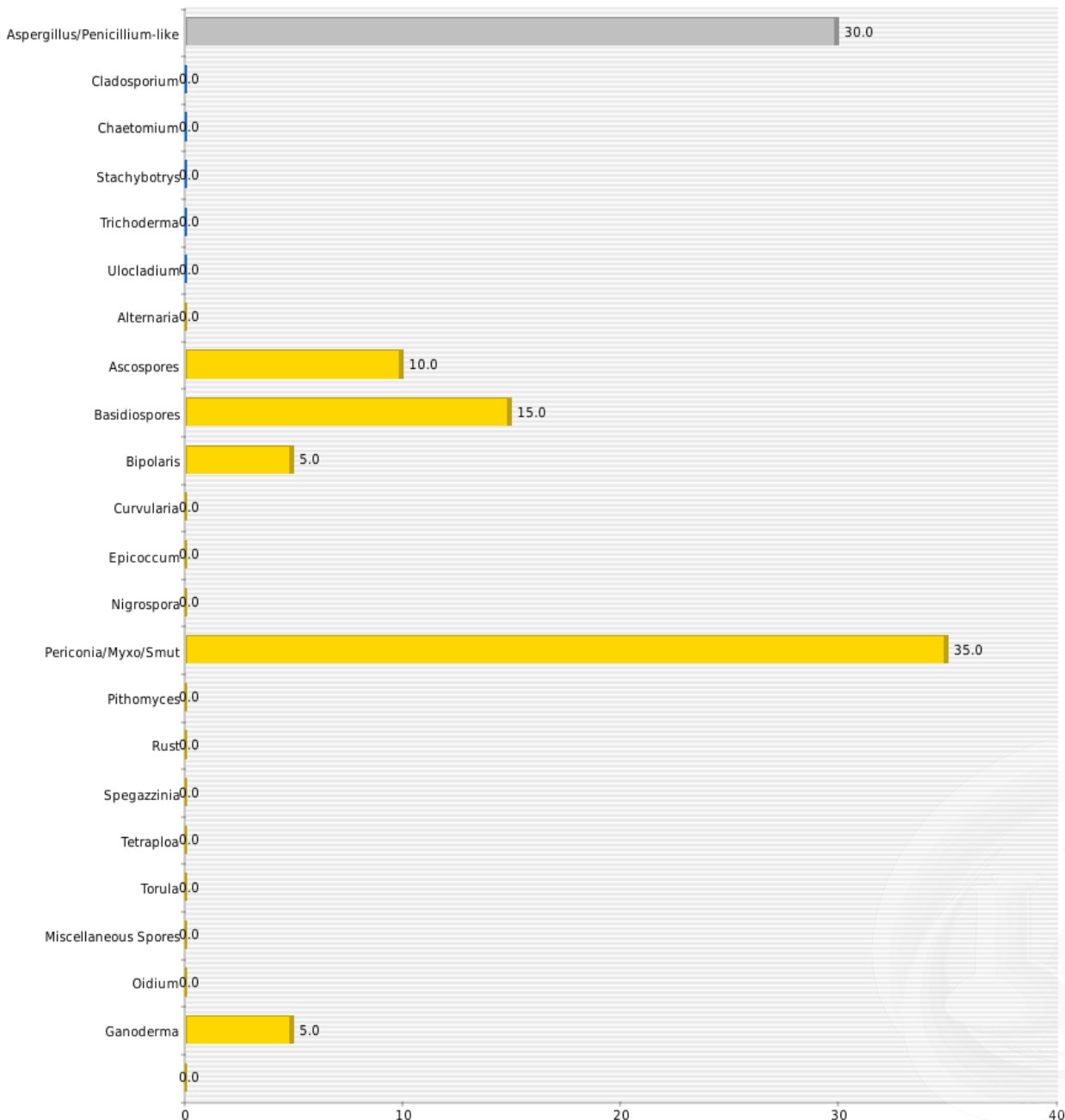
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111107

**Samples Received:** 24

**Samples Analyzed:** 24

### 1st Floor, Classroom 132 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

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**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

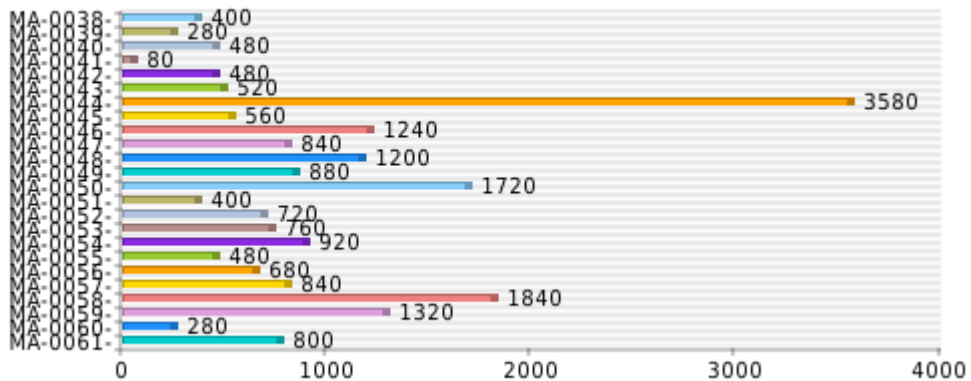
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111107

**Samples Received:** 24

**Samples Analyzed:** 24

**Spore Per Meter Cube**





## MOLD AIR SAMPLE REPORT

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**Report Status:** Final Report

**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111107

**Samples Received:** 24

**Samples Analyzed:** 24

### Understanding Sampling and Laboratory Methodologies

Spore Trap Cassettes (Air Sampling media) are unique air sampling cassettes specifically designed for the rapid collection of a wide range of airborne aerosols including mold spores, pollen, insect parts, skin cell fragments, and inorganic particulate. The analytical results obtained from include both viable and non-viable spores. Some fungal groups produce similar spore types that are difficult to be distinguished only by direct microscopic examination like *Aspergillus/Penicillium*, or other identical spore. Similarly other spore types may lack distinguishing features that aid in their identification like hyphae. To avoid any confusion these types are grouped into larger categories such as Ascospores or Basidiospores.

#### *Examination Technique:*

AIH Laboratory Fungal Air Sample Reports data results are provided in spore counts per cubic meter of air. Fungal spores are identified and grouped by morphological characteristics including color, shape, size, and fruiting structures (if present) which are compared to published mycological identification keys and texts.

#### *Qualitative Analysis:*

It is difficult to precisely measure some analytical findings which aid in assessing the overall sample condition and density. Qualitative analysis is used to determine concentration of Skin Fragments, Background and Hyphal fragments. A number between 1-5 is used to rate the concentrations. Each number increase in rate adds a range of 1-20% Please understand that higher the number of skin fragments and background particle it may obscure small spore. Overloaded in comments indicate that sample failed to meet visibility density criteria and thus the quantitative analysis was not performed on the particular sample.

#### *Analysis:*

This data is gathered by visual and statistical analysis performed on the specimen. The quantitative data is adhered to strict quality control procedures. This strict quality is achieved by reanalyzing at least 10% of samples. The results from original analysis and re-read must be close with only minor variation. If results do not fall under minor variation criteria, then all samples must be analyzed again. The quantitative data is used to produce the final result in spore(s) per meter cube.

### About AIH Laboratory

AIH Laboratory is renowned laboratory located in Anaheim, CA. The staff at AIH Laboratory is recognized by State, Federal agencies and International Accrediting Bodies. AIH Laboratory employs sophisticated techniques, strong professional experience along with recognized testing procedures in the industry. AIH Laboratory participates in Inter-laboratory testing program with various national laboratories to ensure conformance with newly adapted technologies, research and methodologies. The samples received by AIH Laboratory are processed under strict quality control procedures to avoid any discrepancy in results. The data generated by the laboratory from the analytical observation of the specimens is presented in a format that is easily understood by anyone with a science background. An environmental expert will accurately interpret the data and findings detailed in this report.





# MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone: (562) 860-2201

www.aihlab.com

<b>Client Name:</b> A-Tech Consulting Inc	<b>Report Status:</b> Final Report
<b>Client Address:</b> 1640 N. Batavia Street, Orange, CA 92867	<b>AIHA EMPAT#:</b> 203769
<b>Project Number:</b> 211886	<b>Lab Batch Number:</b> 2111108
<b>Project Location:</b> 240 North Cerritos Avenue, Azusa, CA 91702	<b>Samples Received:</b> 7
	<b>Samples Analyzed:</b> 7

<b>Laboratory Sample ID:</b>	<b>211110801</b>	<b>211110802</b>	<b>211110803</b>
<b>Client Sample ID:</b>	<b>MA-0062</b>	<b>MA-0063</b>	<b>MA-0064</b>
<b>Sample Location:</b>	<b>1st Floor, Classroom 330/410</b>	<b>1st Floor, Classroom 412</b>	<b>1st Floor, Classroom 423</b>
<b>Comments:</b>	<i>None</i>	<i>None</i>	<i>None</i>

## Quantitative Analysis

		Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total
<b>Inside/Outside</b>	Aspergillus/Penicillium-like	3	120	27.3	10	400	52.6	10	400	62.5
	Cladosporium	4	160	36.4	3	120	15.8	2	80	12.5
<b>Water Damage Indication</b>	Chaetomium	-	-	-	-	-	-	-	-	-
	Stachybotrys	-	-	-	-	-	-	-	-	-
	Trichoderma	-	-	-	-	-	-	-	-	-
	Ulocladium	-	-	-	-	-	-	-	-	-
<b>Outdoor Environment</b>	Alternaria	-	-	-	1	40	5.3	1	40	6.3
	Ascospores	1	40	9.1	-	-	-	-	-	-
	Basidiospores	1	40	9.1	2	80	10.5	2	80	12.5
	Bipolaris	1	40	9.1	1	40	5.3	1	40	6.3
	Curvularia	-	-	-	-	-	-	-	-	-
	Epicoccum	-	-	-	-	-	-	-	-	-
	Nigrospora	-	-	-	-	-	-	-	-	-
	Periconia/Myxo/Smut	1	40	9.1	1	40	5.3	-	-	-
	Pithomyces	-	-	-	-	-	-	-	-	-
	Rust	-	-	-	-	-	-	-	-	-
	Spegazzinia	-	-	-	-	-	-	-	-	-
	Tetraploa	-	-	-	-	-	-	-	-	-
	Torula	-	-	-	-	-	-	-	-	-
	Miscellaneous Spores	-	-	-	1	40	5.3	-	-	-
<b>Total</b>		<b>11</b>	<b>440</b>	<b>100</b>	<b>19</b>	<b>760</b>	<b>100</b>	<b>16</b>	<b>640</b>	<b>100</b>



## MOLD AIR SAMPLE REPORT

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**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111108

**Samples Received:** 7

**Samples Analyzed:** 7

<b>Laboratory Sample ID:</b>	<b>211110801</b>	<b>211110802</b>	<b>211110803</b>
<b>Client Sample ID:</b>	<b>MA-0062</b>	<b>MA-0063</b>	<b>MA-0064</b>
<b>Sample Location:</b>	<b>1st Floor, Classroom 330/410</b>	<b>1st Floor, Classroom 412</b>	<b>1st Floor, Classroom 423</b>

### Sample Collection Data

Total Time:			
Flow Rate:			
Volume:	75	75	75

### Qualitative Analysis

Skin Fragments- 1 to 5 (low to high):	2	2	2
Background/m3- 1 to 5 (low to high):	2	3	3
Hyphal Fragments- 1 to 5 (low to high):	1	1	1





# MOLD AIR SAMPLE REPORT

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<b>Client Name:</b> A-Tech Consulting Inc	<b>Report Status:</b> Final Report
<b>Client Address:</b> 1640 N. Batavia Street, Orange, CA 92867	<b>AIHA EMPAT#:</b> 203769
<b>Project Number:</b> 211886	<b>Lab Batch Number:</b> 2111108
<b>Project Location:</b> 240 North Cerritos Avenue, Azusa, CA 91702	<b>Samples Received:</b> 7
	<b>Samples Analyzed:</b> 7

<b>Laboratory Sample ID:</b>	<b>211110804</b>	<b>211110805</b>	<b>211110806</b>
<b>Client Sample ID:</b>	<b>MA-0065</b>	<b>MA-0066</b>	<b>MA-0067</b>
<b>Sample Location:</b>	<b>1st Floor, Classroom 311</b>	<b>1st Floor, Classroom 321</b>	<b>1st Floor, Classroom 312</b>
<b>Comments:</b>	<i>None</i>	<i>None</i>	<i>None</i>

## Quantitative Analysis

		Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total
<b>Inside/Outside</b>	Aspergillus/Penicillium-like	17	680	51.5	9	360	36	6	240	54.5
	Cladosporium	7	280	21.2	4	160	16	1	40	9.1
<b>Water Damage Indication</b>	Chaetomium	-	-	-	-	-	-	-	-	-
	Stachybotrys	-	-	-	-	-	-	-	-	-
	Trichoderma	-	-	-	-	-	-	-	-	-
	Ulocladium	-	-	-	-	-	-	-	-	-
	Alternaria	1	40	3	2	80	8	-	-	-
<b>Outdoor Environment</b>	Ascospores	2	80	6.1	-	-	-	-	-	-
	Basidiospores	1	40	3	-	-	-	2	80	18.2
	Bipolaris	1	40	3	2	80	8	-	-	-
	Curvularia	-	-	-	-	-	-	-	-	-
	Epicoccum	2	80	6.1	1	40	4	-	-	-
	Nigrospora	-	-	-	-	-	-	-	-	-
	Periconia/Myxo/Smut	2	80	6.1	7	280	28	2	80	18.2
	Pithomyces	-	-	-	-	-	-	-	-	-
	Rust	-	-	-	-	-	-	-	-	-
	Spegazzinia	-	-	-	-	-	-	-	-	-
	Tetraploa	-	-	-	-	-	-	-	-	-
	Torula	-	-	-	-	-	-	-	-	-
	Miscellaneous Spores	-	-	-	-	-	-	-	-	-
<b>Total</b>		<b>33</b>	<b>1320</b>	<b>100</b>	<b>25</b>	<b>1000</b>	<b>100</b>	<b>11</b>	<b>440</b>	<b>100</b>



## MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

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**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111108

**Samples Received:** 7

**Samples Analyzed:** 7

<b>Laboratory Sample ID:</b>	<b>211110804</b>	<b>211110805</b>	<b>211110806</b>
<b>Client Sample ID:</b>	<b>MA-0065</b>	<b>MA-0066</b>	<b>MA-0067</b>
<b>Sample Location:</b>	<b>1st Floor, Classroom 311</b>	<b>1st Floor, Classroom 321</b>	<b>1st Floor, Classroom 312</b>

### Sample Collection Data

Total Time:			
Flow Rate:			
Volume:	75	75	75

### Qualitative Analysis

Skin Fragments- 1 to 5 (low to high):	4	3	2
Background/m3- 1 to 5 (low to high):	5	4	3
Hyphal Fragments- 1 to 5 (low to high):	1	1	1





# MOLD AIR SAMPLE REPORT

2556 W Woodland Dr Anaheim, CA 92801

Phone:(562) 860-2201

www.aihlab.com

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**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111108

**Samples Received:** 7

**Samples Analyzed:** 7

<b>Laboratory Sample ID:</b>	<b>211110807</b>	<b>XXXXXXXXX</b>	<b>XXXXXXXXX</b>
<b>Client Sample ID:</b>	<b>MA-0068</b>	<b>XXXXXXXXX</b>	<b>XXXXXXXXX</b>
<b>Sample Location:</b>	<b>Exterior</b>	<b>XXXXXXXXX</b>	<b>XXXXXXXXX</b>
<b>Comments:</b>	<i>None</i>		

## Quantitative Analysis

		Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total	Raw Counts	Spores/m <sup>3</sup>	% Total
<b>Inside/Outside</b>	Aspergillus/Penicillium-like	14	280	17.1						
	Cladosporium	62	1240	75.6						
<b>Water Damage Indication</b>	Chaetomium	-	-	-						
	Stachybotrys	-	-	-						
	Trichoderma	-	-	-						
	Ulocladium	-	-	-						
<b>Outdoor Environment</b>	Alternaria	1	20	1.2						
	Ascospores	2	40	2.4						
	Basidiospores	1	20	1.2						
	Bipolaris	1	20	1.2						
	Curvularia	-	-	-						
	Epicoccum	-	-	-						
	Nigrospora	-	-	-						
	Periconia/Myxo/Smut	1	20	1.2						
	Pithomyces	-	-	-						
	Rust	-	-	-						
	Spegazzinia	-	-	-						
	Tetraploa	-	-	-						
	Torula	-	-	-						
	Miscellaneous Spores	-	-	-						
<b>Total</b>		<b>82</b>	<b>1640</b>	<b>100</b>						



## MOLD AIR SAMPLE REPORT

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**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111108

**Samples Received:** 7

**Samples Analyzed:** 7

<b>Laboratory Sample ID:</b>	<b>211110807</b>	<b>XXXXXXXX</b>	<b>XXXXXXXX</b>
<b>Client Sample ID:</b>	<b>MA-0068</b>	<b>XXXXXXXX</b>	<b>XXXXXXXX</b>
<b>Sample Location:</b>	<b>Exterior</b>	<b>XXXXXXXX</b>	<b>XXXXXXXX</b>

### Sample Collection Data

Total Time:		
Flow Rate:		
Volume:	150	

### Qualitative Analysis

Skin Fragments- 1 to 5 (low to high):	1	
Background/m3- 1 to 5 (low to high):	4	
Hyphal Fragments- 1 to 5 (low to high):	1	

**Analyzed by:** Emily Chang

**Signature:** 

**Date:** 07-15-2021

**Reviewed by:** Zubair Ahmed

**Signature:** 

**Date:** 07-16-2021

No accepted regulatory standards currently exist by which to assess the health risks related to mold exposure. Molds have been associated with a variety of health effects and sensitivity varies from person to person. Results are not blank corrected unless otherwise noted. The detection limit is equal to one fungal spore, structure, pollen, fiber particle or insect fragment. High levels of background particulate can obscure spores and other particulates leading to underestimation. "-" Denotes not detected. Background levels of 4 or 5 indicate an overload of background particulates, prohibiting accurate detection and quantification. AIH Laboratory maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by AIH Laboratory. AIH Laboratory bears no responsibility for sample collection activities or analytical method limitations. Spores/m<sup>3</sup> calculation based on volume information provided by client. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted. All report format and design are copyright of AIH Laboratory 2021.

AIHA LAP, LLC Accredited Laboratory for Microbiology Laboratory ISO/IEC 17025:2005, Lab ID# 203769



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**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

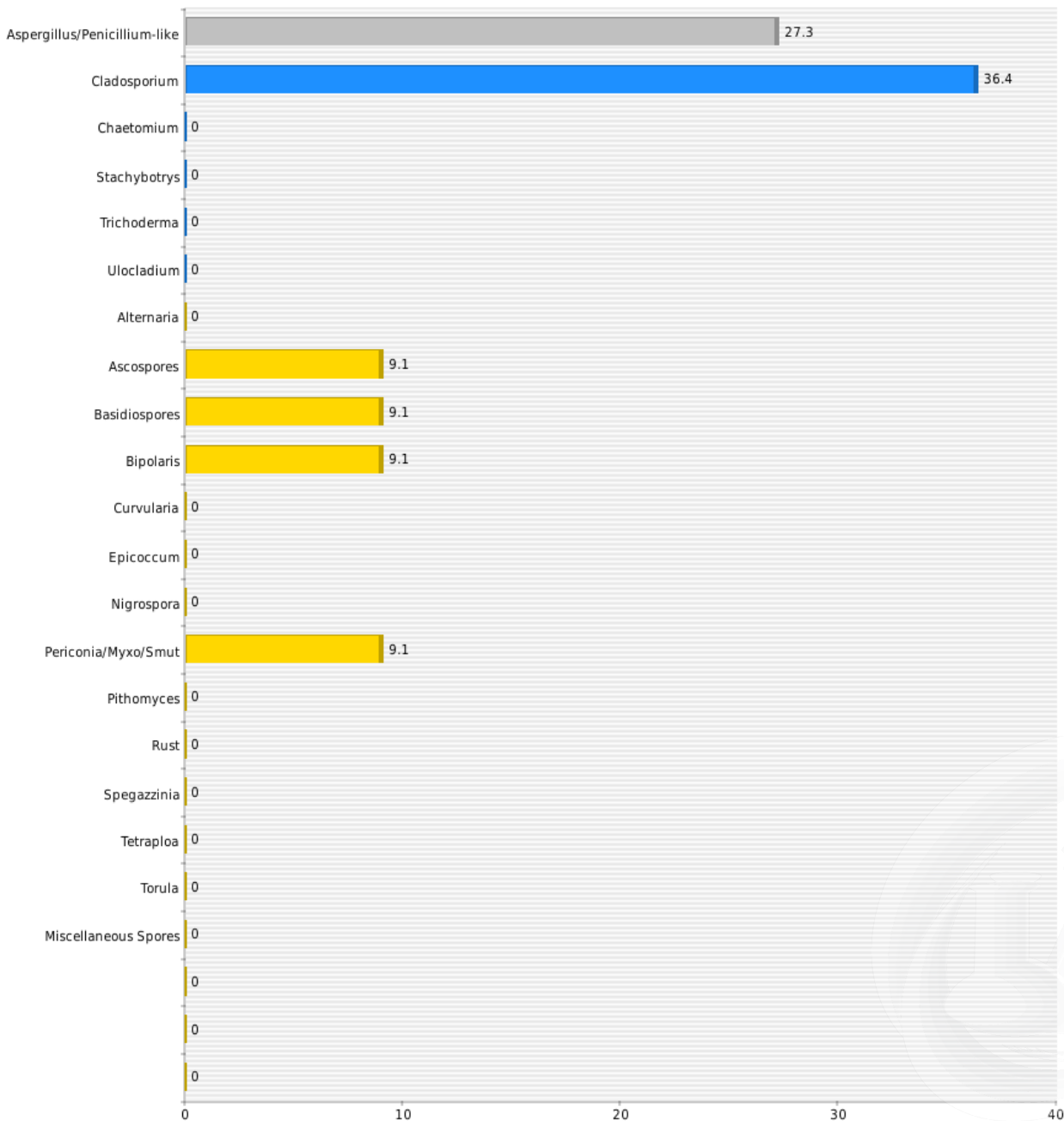
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111108

**Samples Received:** 7

**Samples Analyzed:** 7

1st Floor, Classroom 330/410 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

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**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

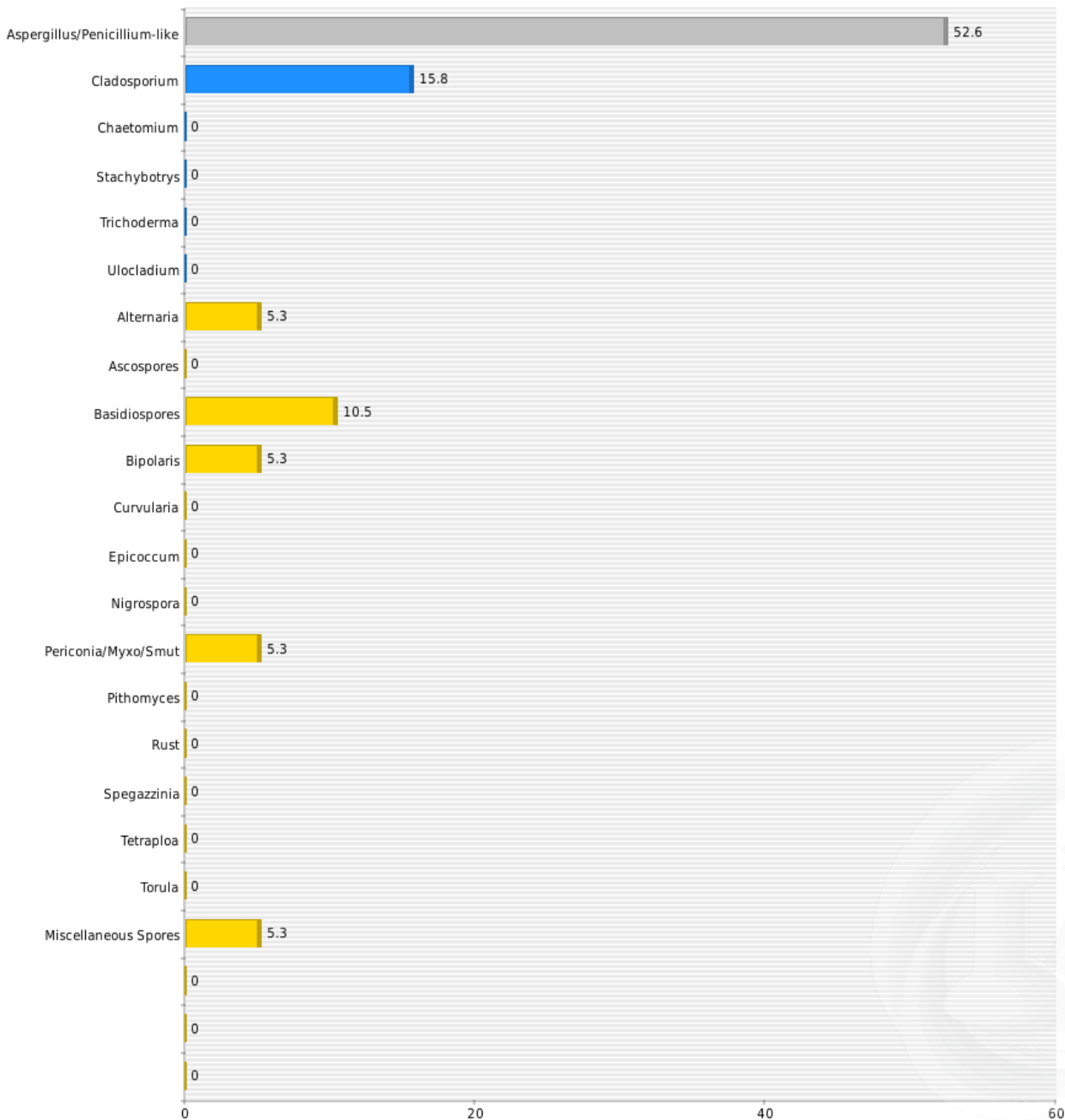
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111108

**Samples Received:** 7

**Samples Analyzed:** 7

### 1st Floor, Classroom 412 (Spore Percentage)







## MOLD AIR SAMPLE REPORT

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**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

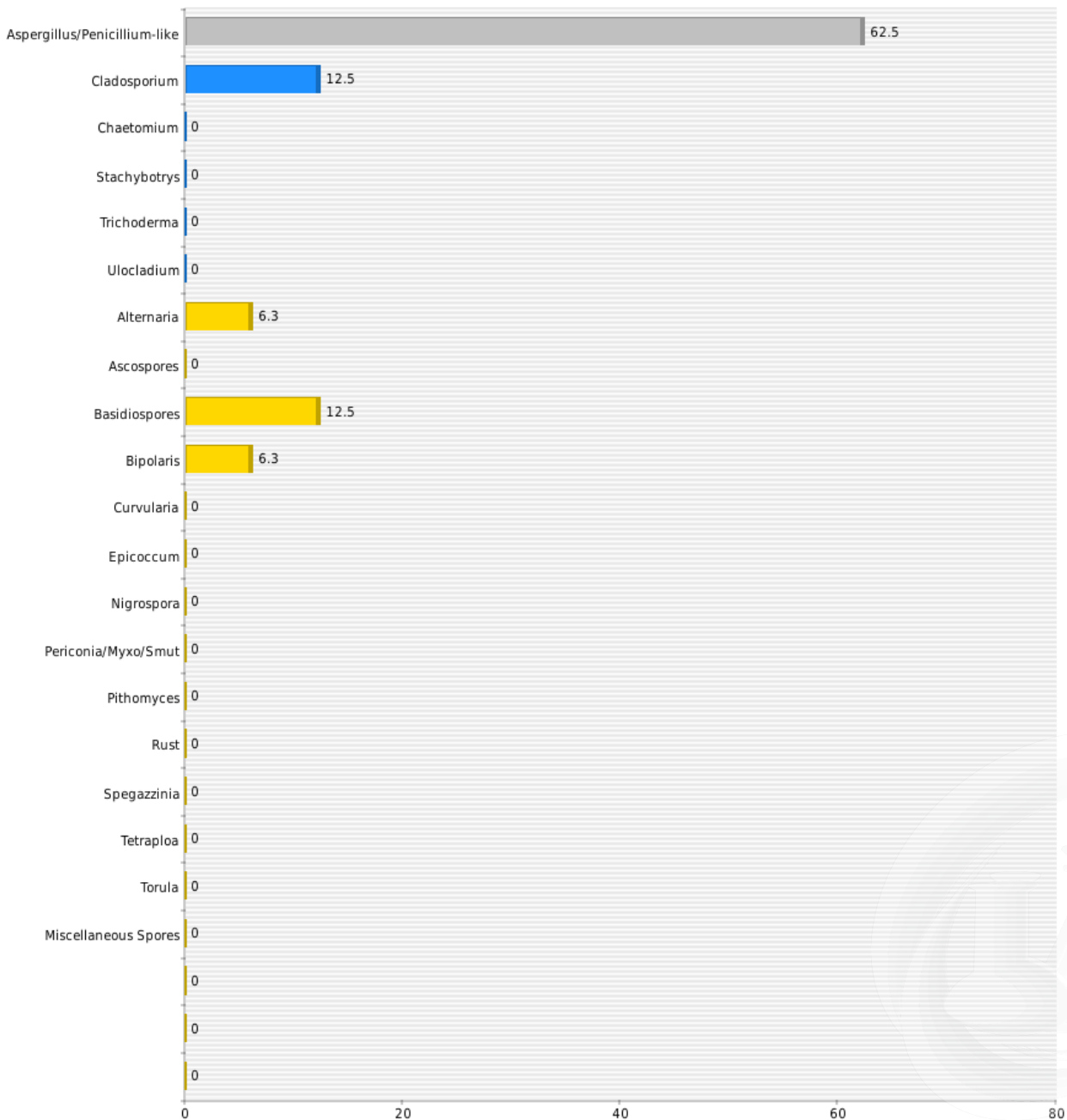
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111108

**Samples Received:** 7

**Samples Analyzed:** 7

### 1st Floor, Classroom 423 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

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**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

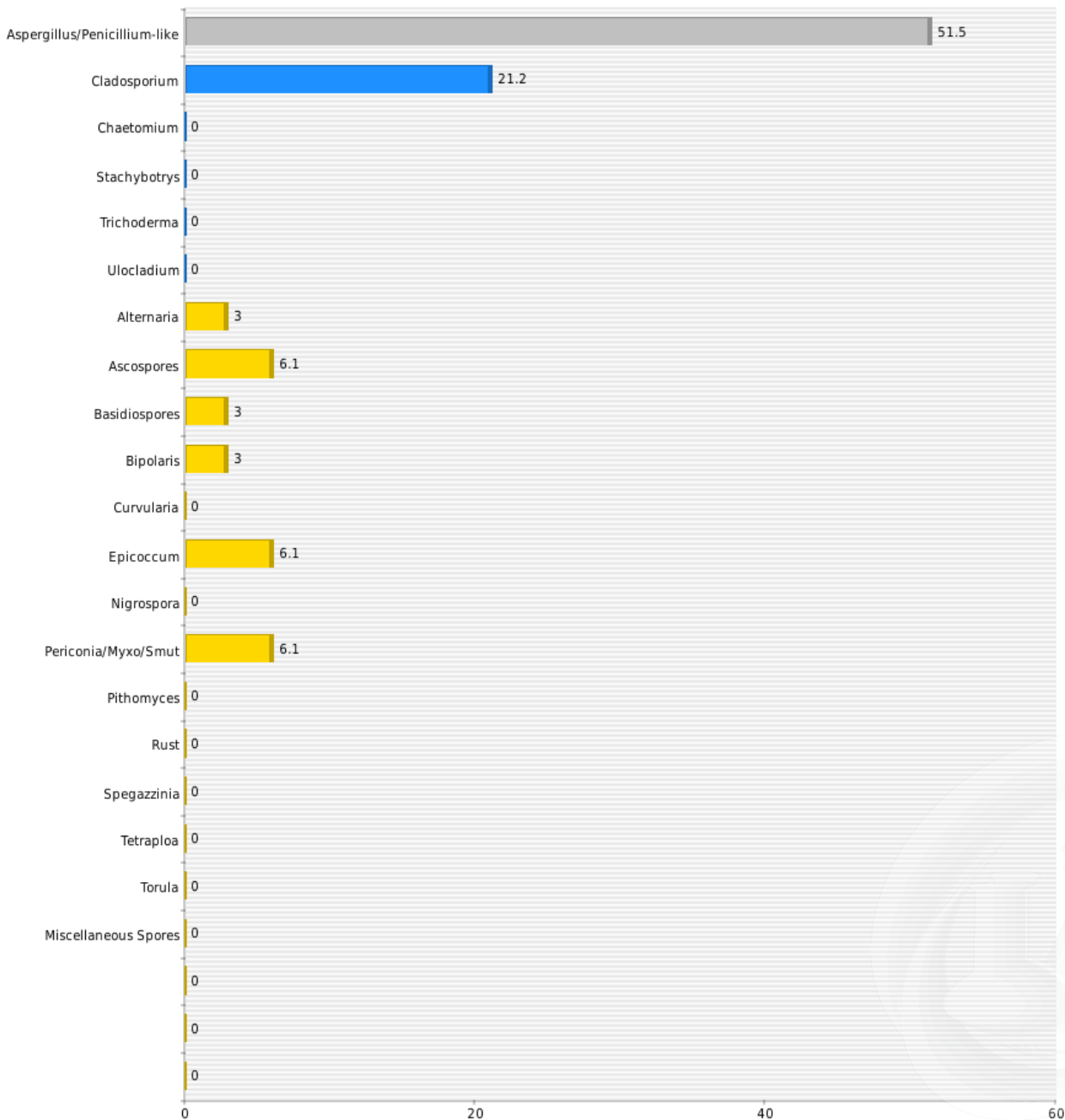
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111108

**Samples Received:** 7

**Samples Analyzed:** 7

**1st Floor, Classroom 311 (Spore Percentage)**





## MOLD AIR SAMPLE REPORT

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**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

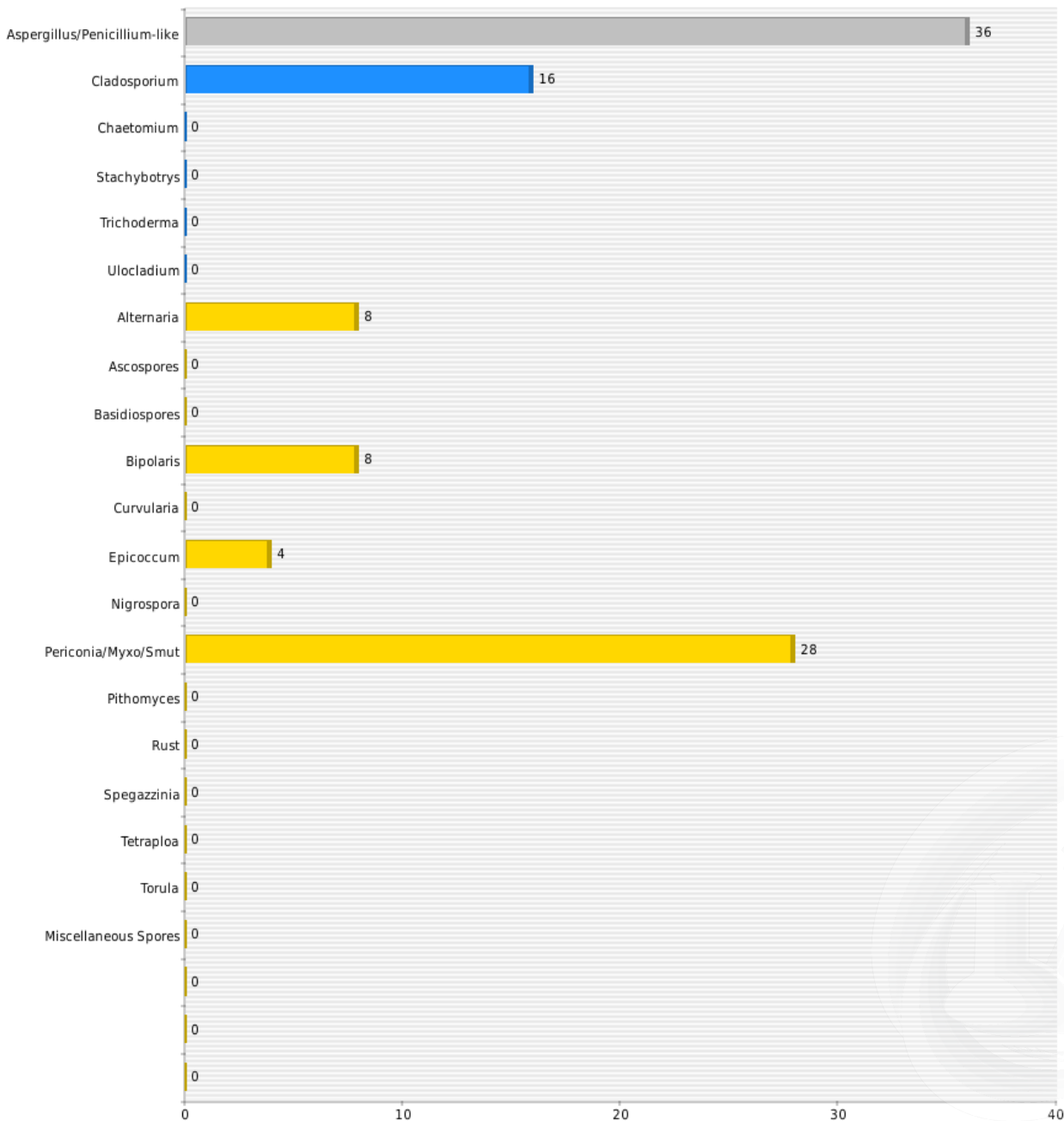
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111108

**Samples Received:** 7

**Samples Analyzed:** 7

**1st Floor, Classroom 321 (Spore Percentage)**





## MOLD AIR SAMPLE REPORT

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**Client Address:** 1640 N. Batavia Street, Orange, CA 92867

**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

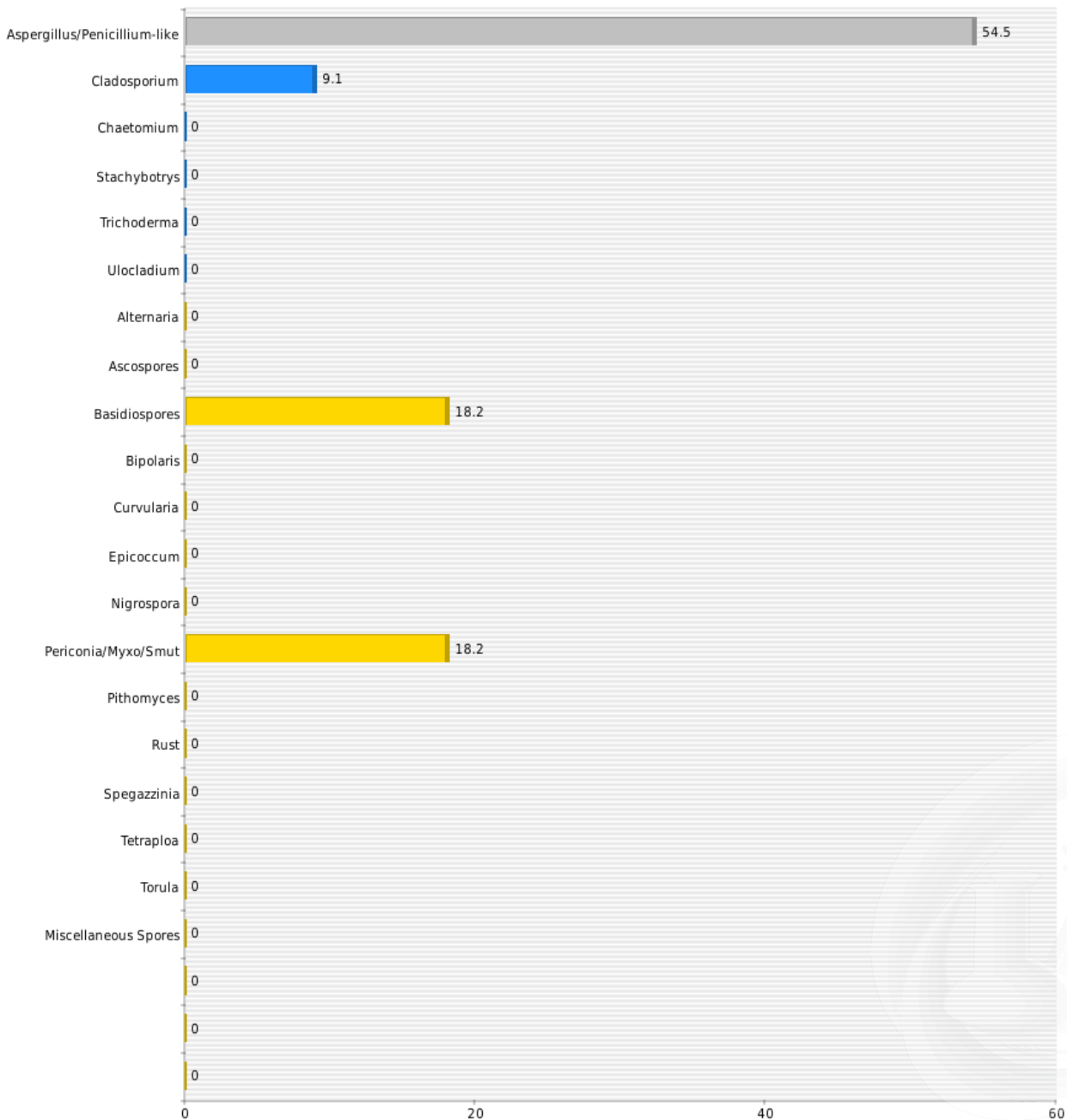
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111108

**Samples Received:** 7

**Samples Analyzed:** 7

### 1st Floor, Classroom 312 (Spore Percentage)





## MOLD AIR SAMPLE REPORT

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**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

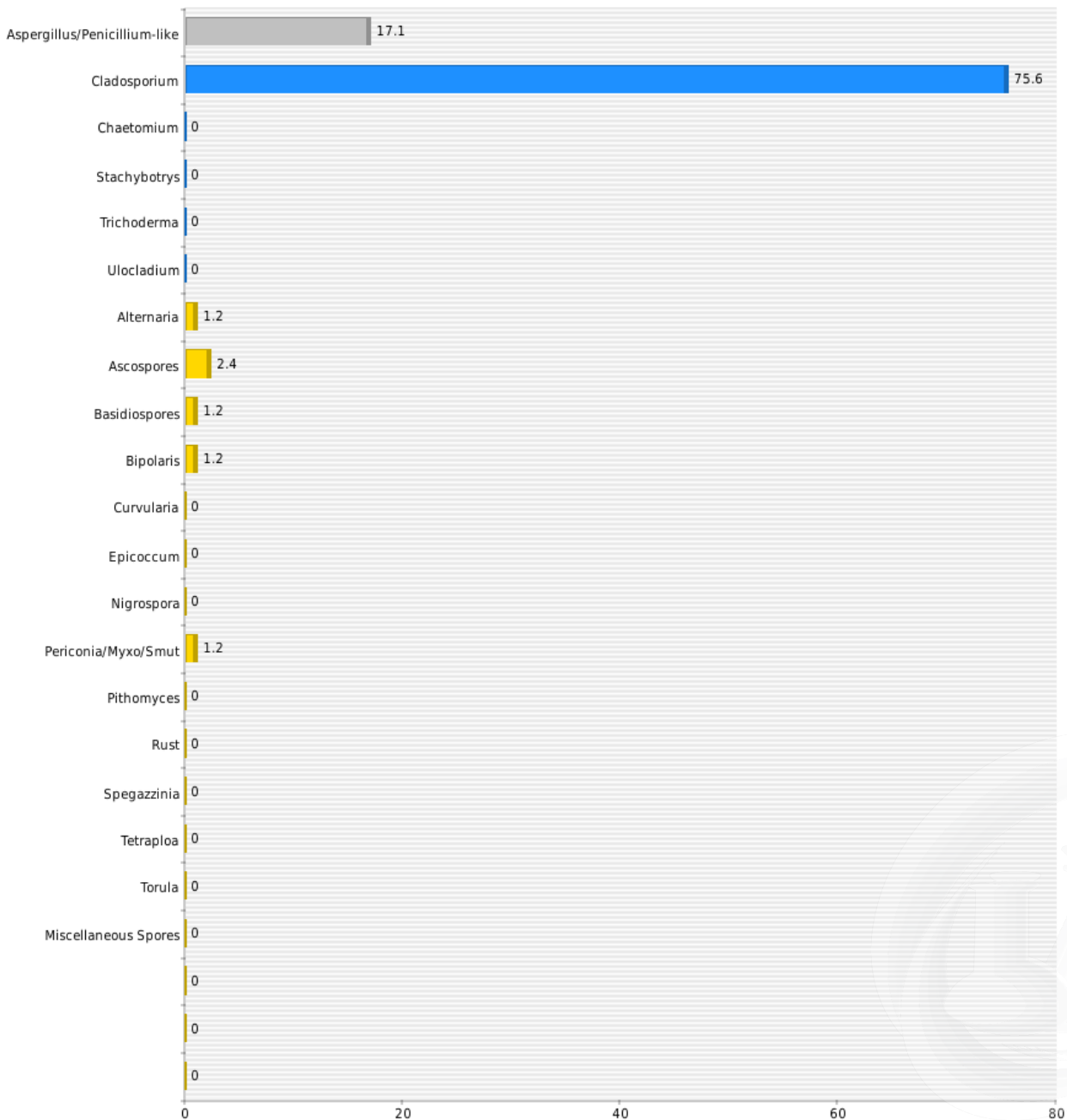
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111108

**Samples Received:** 7

**Samples Analyzed:** 7

### Exterior (Spore Percentage)





## MOLD AIR SAMPLE REPORT

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**Project Number:** 211886

**Project Location:** 240 North Cerritos Avenue, Azusa, CA 91702

**Report Status:** Final Report

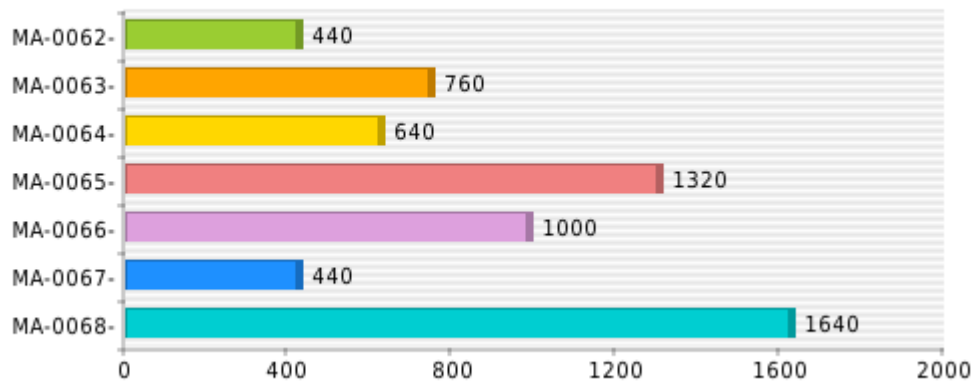
**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111108

**Samples Received:** 7

**Samples Analyzed:** 7

**Spore Per Meter Cube**





## MOLD AIR SAMPLE REPORT

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**Report Status:** Final Report

**AIHA EMPAT#:** 203769

**Lab Batch Number:** 2111108

**Samples Received:** 7

**Samples Analyzed:** 7

### Understanding Sampling and Laboratory Methodologies

Spore Trap Cassettes (Air Sampling media) are unique air sampling cassettes specifically designed for the rapid collection of a wide range of airborne aerosols including mold spores, pollen, insect parts, skin cell fragments, and inorganic particulate. The analytical results obtained from include both viable and non-viable spores. Some fungal groups produce similar spore types that are difficult to be distinguished only by direct microscopic examination like *Aspergillus/Penicillium*, or other identical spore. Similarly other spore types may lack distinguishing features that aid in their identification like hyphae. To avoid any confusion these types are grouped into larger categories such as Ascospores or Basidiospores.

#### *Examination Technique:*

AIH Laboratory Fungal Air Sample Reports data results are provided in spore counts per cubic meter of air. Fungal spores are identified and grouped by morphological characteristics including color, shape, size, and fruiting structures (if present) which are compared to published mycological identification keys and texts.

#### *Qualitative Analysis:*

It is difficult to precisely measure some analytical findings which aid in assessing the overall sample condition and density. Qualitative analysis is used to determine concentration of Skin Fragments, Background and Hyphal fragments. A number between 1-5 is used to rate the concentrations. Each number increase in rate adds a range of 1-20% Please understand that higher the number of skin fragments and background particle it may obscure small spore. Overloaded in comments indicate that sample failed to meet visibility density criteria and thus the quantitative analysis was not performed on the particular sample.

#### *Analysis:*

This data is gathered by visual and statistical analysis performed on the specimen. The quantitative data is adhered to strict quality control procedures. This strict quality is achieved by reanalyzing at least 10% of samples. The results from original analysis and re-read must be close with only minor variation. If results do not fall under minor variation criteria, then all samples must be analyzed again. The quantitative data is used to produce the final result in spore(s) per meter cube.

### About AIH Laboratory

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## MOLD AIR SAMPLE CHAIN OF CUSTODY

Analysis: Non-Viable Spore Trap (Air-O-Cell)(ID Fungal Count &amp; Genus; Direct Exam)

Turn Around Time: 72 Hour

Phone Number: (714) 434-6360

Fax Number: (714) 221-6360

Attn: Robert Williams

Results: Email to labs@atechinc.net

2111103

<b>Project Number and Name:</b> 211886 - Azusa USD Azusa High School		<b>Sampled By:</b> Matt Page	
<b>Project Address:</b> 240 North Cerritos Avenue		<b>City:</b> Azusa	<b>State:</b> CA
			<b>Zip:</b> 91702
<b>Notes:</b>			

Sample Date	Sample ID	Sample Location	Sample Volume (L)
7/13/2021 10:10 AM	211886-MA-0001	1st Floor, Classroom 1	75
7/13/2021 10:11 AM	211886-MA-0002	1st Floor, Classroom 3	75
7/13/2021 10:12 AM	211886-MA-0003	1st Floor, Classroom 10	75
7/13/2021 10:12 AM	211886-MA-0004	1st Floor, Classroom 11	75
7/13/2021 10:13 AM	211886-MA-0005	1st Floor, Classroom 110-112	75
7/13/2021 10:35 AM	211886-MA-0006	1st Floor, Classroom 113-114	75
7/13/2021 10:36 AM	211886-MA-0007	1st Floor, Classroom 115	75
7/13/2021 10:37 AM	211886-MA-0008	1st Floor, Classroom 120	75
7/13/2021 10:37 AM	211886-MA-0009	1st Floor, Classroom 121	75
7/13/2021 10:59 AM	211886-MA-0010	1st Floor, Classroom 122	75
7/13/2021 11:00 AM	211886-MA-0011	1st Floor, Classroom 123	75
7/13/2021 11:02 AM	211886-MA-0012	1st Floor, Classroom 124	75
7/13/2021 11:02 AM	211886-MA-0013	1st Floor, Classroom 125	75

Client Sample Number: 211886-MA-0001 to 211886-MA-0068

Total: 68

<b>Relinquished By:</b> <i>[Signature]</i>	<b>Date:</b> 7/13/2021	<b>Time:</b> 5:23 PM
<b>Samples Received By:</b> <i>[Signature]</i>	<b>Date:</b> 7/13/2021	<b>Time:</b> 5:30 PM
<b>Relinquished By:</b> <i>[Signature]</i>	<b>Date:</b> 7/13/2021	<b>Time:</b>
<b>Samples Received By:</b>	<b>Date:</b>	<b>Time:</b>





## MOLD AIR SAMPLE CHAIN OF CUSTODY

7/13/2021 11:04 AM	211886-MA-0014	1st Floor, Classroom 210	75
7/13/2021 11:12 AM	211886-MA-0015	1st Floor, Classroom 211	75
7/13/2021 11:13 AM	211886-MA-0016	1st Floor, Classroom 212	75
7/13/2021 11:14 AM	211886-MA-0017	1st Floor, Classroom 215	75
7/13/2021 11:15 AM	211886-MA-0018	1st Floor, Classroom 131	75
7/13/2021 11:15 AM	211886-MA-0019	1st Floor, Classroom 133	75
7/13/2021 11:16 AM	211886-MA-0020	1st Floor, Classroom 220	75
7/13/2021 11:16 AM	211886-MA-0021	1st Floor, Classroom 221	75
7/13/2021 11:17 AM	211886-MA-0022	1st Floor, Classroom 222	75
7/13/2021 11:27 AM	211886-MA-0023	1st Floor, Classroom 223	75
7/13/2021 11:28 AM	211886-MA-0024	1st Floor, Classroom 225	75
7/13/2021 11:43 AM	211886-MA-0025	1st Floor, Classroom 135	75
7/13/2021 11:44 AM	211886-MA-0026	1st Floor, Classroom 231	75
7/13/2021 11:45 AM	211886-MA-0027	1st Floor, Classroom 232	75
7/13/2021 11:48 AM	211886-MA-0028	1st Floor, Classroom 233	75
7/13/2021 11:49 AM	211886-MA-0029	1st Floor, Classroom 234	75
7/13/2021 3:10 PM	211886-MA-0030	1st Floor, Classroom 4	75
7/13/2021 3:11 PM	211886-MA-0031	1st Floor, Classroom 5	75
7/13/2021 3:11 PM	211886-MA-0032	1st Floor, Classroom 7	75
7/13/2021 3:13 PM	211886-MA-0033	1st Floor, Classroom 8	75
7/13/2021 3:15 PM	211886-MA-0034	1st Floor, Classroom 310	75
7/13/2021 3:15 PM	211886-MA-0035	1st Floor, Classroom 313	75
7/13/2021 3:15 PM	211886-MA-0036	1st Floor, Classroom 315	75
7/13/2021 3:16 PM	211886-MA-0037	1st Floor, Classroom 325	75

Client Sample Number: 211886-MA-0001 to 211886-MA-0068

Total: 68

Relinquished By:

Date: 7/13/2021

Time: 5:23 PM

Samples Received By:

Date: 7/13/2021

Time: 5:30 PM

Relinquished By:

Date:

Time:

Samples Received By:

Date:

Time:



## MOLD AIR SAMPLE CHAIN OF CUSTODY

7/13/2021 3:17 PM	211886-MA-0038	1st Floor, Classroom 323	75
7/13/2021 3:17 PM	211886-MA-0039	1st Floor, Classroom 322	75
7/13/2021 3:17 PM	211886-MA-0040	1st Floor, Classroom 335	75
7/13/2021 3:18 PM	211886-MA-0041	1st Floor, Classroom 331	75
7/13/2021 3:18 PM	211886-MA-0042	1st Floor, Classroom 415	75
7/13/2021 3:19 PM	211886-MA-0043	1st Floor, Classroom 425	75
7/13/2021 3:19 PM	211886-MA-0044	Exterior	150
7/13/2021 3:20 PM	211886-MA-0045	1st Floor, Classroom 420/430	75
7/13/2021 3:20 PM	211886-MA-0046	1st Floor, Classroom 431	75
7/13/2021 3:21 PM	211886-MA-0047	1st Floor, Classroom 432	75
7/13/2021 3:21 PM	211886-MA-0048	1st Floor, Classroom 433	75
7/13/2021 3:21 PM	211886-MA-0049	1st Floor, Classroom 435	75
7/13/2021 3:22 PM	211886-MA-0050	1st Floor, Classroom 422	75
7/13/2021 3:22 PM	211886-MA-0051	1st Floor, Classroom 421	75
7/13/2021 3:23 PM	211886-MA-0052	1st Floor, Classroom 411	75
7/13/2021 3:23 PM	211886-MA-0053	1st Floor, Classroom 230	75
7/13/2021 3:24 PM	211886-MA-0054	1st Floor, Library	75
7/13/2021 3:24 PM	211886-MA-0055	1st Floor, Classroom 320	75
7/13/2021 3:25 PM	211886-MA-0056	1st Floor, Classroom 6	75
7/13/2021 3:25 PM	211886-MA-0057	1st Floor, Classroom 2	75
7/13/2021 3:25 PM	211886-MA-0058	1st Floor, Classroom 235	75
7/13/2021 3:26 PM	211886-MA-0059	1st Floor, Classroom 213	75
7/13/2021 3:26 PM	211886-MA-0060	1st Floor, Classroom 214	75
7/13/2021 3:27 PM	211886-MA-0061	1st Floor, Classroom 132	75

Client Sample Number: 211886-MA-0001 to 211886-MA-0068

Total: 68

Relinquished By:

Date: 7/13/2021

Time: 5:23 PM

Samples Received By:

Date: 7/13/2021

Time: 5:30 PM

Relinquished By:

Date:

Time:

Samples Received By:

Date:

Time:



## MOLD AIR SAMPLE CHAIN OF CUSTODY

7/13/2021 3:27 PM	211886-MA-0062	1st Floor, Classroom 330/410	75
7/13/2021 3:28 PM	211886-MA-0063	1st Floor, Classroom 412	75
7/13/2021 3:28 PM	211886-MA-0064	1st Floor, Classroom 423	75
7/13/2021 3:28 PM	211886-MA-0065	1st Floor, Classroom 311	75
7/13/2021 3:29 PM	211886-MA-0066	1st Floor, Classroom 321	75
7/13/2021 3:29 PM	211886-MA-0067	1st Floor, Classroom 312	75
7/13/2021 3:30 PM	211886-MA-0068	Exterior	150

Client Sample Number: 211886-MA-0001 to 211886-MA-0068

Total: 68

Relinquished By: *Ruth Taylor*

Date: 7/13/2021

Time: 5:23 PM

Samples Received By: *Ryan Swell*

Date: 7/13/2021

Time: 5:30 PM

Relinquished By:

Date:

Time:

Samples Received By:

Date:

Time:

# INSTRUMENT CALIBRATION REPORT



Advanced Labs, Inc.

## A-Tech Testing

**Instrument ID** T75451842011  
**Description** TSI 7545 IAQ-Calc  
**Calibrated** 12/21/2020

**Manufacturer** TSI  
**Model Number** 7545  
**Serial Number** T75451842011  
**Location** New Jersey  
**Temp** 68

**Classification**  
**Status** Pass  
**Frequency** Yearly EOM  
**Department** Lab  
**Humidity** 25

### Calibration Specifications

<b>Group # 1</b> <b>Group Name</b> Temperature <b>Stated Accy</b> Plus / Minus				<b>Range Acc %</b> 0.0000 <b>Reading Acc %</b> 0.0000 <b>Plus/Minus</b> 0.60			
<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
20.00 / 17.70	°C	17.70	°C	17.80	17.70	0.00%	Pass
<b>Group # 2</b> <b>Group Name</b> Relative Humidity <b>Stated Accy</b> Plus / Minus				<b>Range Acc %</b> 0.0000 <b>Reading Acc %</b> 0.0000 <b>Plus/Minus</b> 3.00			
<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
30.00 / 29.40	%	29.40	%	31.10	29.40	0.00%	Pass
<b>Group # 3</b> <b>Group Name</b> Carbon Dioxide <b>Stated Accy</b> Pct of Reading				<b>Range Acc %</b> 0.0000 <b>Reading Acc %</b> 3.0000 <b>Plus/Minus</b> 0.00			
<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
0.00 / 0.00	ppm	0.00	ppm	6.00	0.00	0.00%	Pass
1000.00 / 1000.00	ppm	1000.00	ppm	970.00	1,002.00	0.20%	Pass
<b>Group # 4</b> <b>Group Name</b> Carbon Monoxide <b>Stated Accy</b> Pct of Reading				<b>Range Acc %</b> 0.0000 <b>Reading Acc %</b> 3.0000 <b>Plus/Minus</b> 0.00			
<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
0.00 / 0.00	ppm	0.00	ppm	0.40	0.00	0.00%	Pass
100.00 / 100.00	ppm	100.00	ppm	67.30	100.40	0.40%	Pass
<b>Group # 5</b> <b>Group Name</b> Barometric Pressure <b>Stated Accy</b> Pct of Reading				<b>Range Acc %</b> 0.0000 <b>Reading Acc %</b> 3.0000 <b>Plus/Minus</b> 0.00			
<u>Nom In Val / In Val</u>	<u>In Type</u>	<u>Out Val</u>	<u>Out Type</u>	<u>Fnd As</u>	<u>Lft As</u>	<u>Dev%</u>	<u>Pass/Fail</u>
30.00 / 29.71	inHg	29.71	inHg	29.92	29.71	0.00%	Pass

# INSTRUMENT CALIBRATION REPORT



Advanced Labs, Inc.

## A-Tech Testing

**Instrument ID** T75451842011  
**Description** TSI 7545 IAQ-Calc  
**Calibrated** 12/21/2020

### Test Instruments Used During the Calibration

<u>Test Instrument ID</u>	<u>Description</u>	<u>Manufacturer</u>	<u>Serial Number</u>	<u>(As Of Cal Entry Date)</u>	
				<u>Last Cal Date</u>	<u>Next Cal Date</u>
CO/CO2_105L-375	100ppm CO, 1000ppm CO2	Specialty Gases of America, Inc.	MBI-375-2	12/1/2018	12/11/2022
MICHELL DM-509-TX-01	Relative Humidity Meter	Michell	273296	11/3/2020	11/3/2021
NITROGEN_U HP	Nitrogen 99.999%	Liquid Technology	31821	12/1/2018	12/1/2023
OMEGA HX93AC/DP25-E	Omega HX93AC/DP25-E	Omega Engineering	1010368 035025 035026	11/25/2020	11/25/2022
OMEGA PX02K1-16A5T /DP25-E-A	Omega PX02K1-16A5T/DP25-E-A	Omega Engineering	168377/8375030	11/25/2020	11/25/2022
OMEGA WT4401-D	Omega WT4401-D	Omega Engineering	101105	11/25/2020	11/25/2022
ZERO_AIR	Zero Grade Air THC <1.0 PPM	Liquid Technology	31845	3/1/2019	3/21/2023

### Notes about this calibration

**Calibration Result** Calibration Successful  
**Who Calibrated** Kevin Cole

Advanced Labs, Inc. hereby certifies that this instrument is calibrated and functions to meet the manufacture's specifications using NIST traceable standards, or is derived from accepted values of physical constants.

# INSTRUMENT CALIBRATION REPORT



Advanced Labs, Inc.

## A-Tech Testing

**Instrument ID** CM19362009  
**Description** Thermo PDR-1500 Aerosol Monitor  
**Calibrated** 12/7/2020

**Manufacturer** Thermo  
**Model Number** PDR-1500  
**Serial Number** CM19362009  
**Location** New Jersey  
**Temp** 70

**Classification**  
**Status** Pass  
**Frequency** Yearly  
**Department** Lab  
**Humidity** 25

### Calibration Specifications

**Group #** 1  
**Group Name** Arizona Road Test Dust  
**Test Performed:** Yes      **As Found Result:** Pass      **As Left Result:** Pass

### Test Instruments Used During the Calibration

<u>Test Instrument ID</u>	<u>Description</u>	<u>Manufacturer</u>	<u>Serial Number</u>	<u>(As Of Cal Entry Date)</u>	
				<u>Last Cal Date</u>	<u>Next Cal Date</u>
DR-4 MASTER	Thermo DataRAM-4000	Thermo	D780	3/6/2020	3/6/2021
D780	Master				

### Notes about this calibration

Calibration Ratio: 1.15

**Calibration Result** Calibration Successful  
**Who Calibrated** David Galego

Advanced Labs, Inc. hereby certifies that this instrument is calibrated and functions to meet the manufacture's specifications using NIST traceable standards, or is derived from accepted values of physical constants.