



2033 HERITAGE PARK DR, OKLAHOMA CITY, OK 73120 | 1.800.822.1650

Microbiology Analytical Report (Results)

| | |
|---|---|
| QuantEM Lab ID: 372207 | Client: Cavins Environmental Group |
| Date Received: 09/05/2024 | Gary Cavins |
| Received By: Robin Brady Naik | |
| Analyzed By: Terry Harrison | |
| Date Analyzed: 09/05/2024 | Account Number: C185 |
| Methodology: Spore Trap, Quantitative NonCulturable, MM001 | Project: Norman Public Library Central |
| | Location: 103 W Acres St, Norman, OK 73069 |
| AIHA LAP, LLC: 101352 | Project No: 103 W Acres St |

| QuanTEM Sample ID | 372207-001 | 372207-002 | 372207-003 | 372207-004 | 372207-005 | 372207-006 |
|--|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| Client Sample ID | outside | Children's Area | 1st FL CA | 2nd FL CA | 3rd FL CA | Stairwell |
| Volume (L) | 75 | 75 | 75 | 75 | 75 | 75 |
| Detection Limit | 13 | 13 | 13 | 13 | 13 | 13 |
| | Results Counts/m ³ | Results Counts/m ³ | Results Counts/m ³ | Results Counts/m ³ | Results Counts/m ³ | Results Counts/m ³ |
| <i>Alternaria</i> | 213 | | | | | 13 |
| Ascospores | 3200 | 27 | | 13 | 27 | 13 |
| <i>Aspergillus/Penicillium Group</i> | 80 | | | | | |
| Basidiospores | 600 | 13 | | | | |
| <i>Bipolaris/Drechslera Group (2)</i> | 93 | | | | | 13 |
| <i>Cercospora</i> | 200 | | | | | |
| <i>Cladosporium</i> | 43867 | 40 | | | 53 | 160 |
| <i>Curvularia</i> | 107 | | | | | |
| <i>Epicoccum</i> | 93 | | | | | |
| <i>Fusarium</i> | 27 | | | | | |
| Hyphal Fragments | 120 | 40 | | | 27 | |
| <i>Nigrospora</i> | 173 | | | | | |
| <i>Paecilomyces</i> | 373 | | | 53 | | 427 |
| Periconia/Myxomycetes/Smuts | 560 | 13 | 13 | | 13 | 27 |
| <i>Pithomyces/Ulocladium</i> | 67 | | | | 13 | |
| Pollen | 200 | | | | | 13 |
| <i>Torula</i> | 13 | | | | | |
| Total Results (Counts/m ³) | 49986 | 133 | 13 | 66 | 133 | 666 |
| Percent Coverage (%) | 8 | 2 | 1 | 1 | 2 | 3 |
| Comments | | | | | | |



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Microbiology Analytical Report (Counts)

| | |
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| Date Received: 09/05/2024 | Gary Cavins |
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| QuantEM Sample ID | 372207-001 | 372207-002 | 372207-003 | 372207-004 | 372207-005 | 372207-006 |
|---------------------------------------|------------|-----------------|------------|------------|------------|------------|
| Client Sample ID | outside | Children's Area | 1st FL CA | 2nd FL CA | 3rd FL CA | Stairwell |
| Volume (L) | 75 | 75 | 75 | 75 | 75 | 75 |
| | Counts | Counts | Counts | Counts | Counts | Counts |
| <i>Alternaria</i> | 16 | | | | | 1 |
| Ascospores | 240 | 2 | | 1 | 2 | 1 |
| <i>Aspergillus/Penicillium Group</i> | 6 | | | | | |
| Basidiospores | 45 | 1 | | | | |
| <i>Bipolaris/Drechslera Group (2)</i> | 7 | | | | | 1 |
| <i>Cercospora</i> | 15 | | | | | |
| <i>Cladosporium</i> | 3290 | 3 | | | 4 | 12 |
| <i>Curvularia</i> | 8 | | | | | |
| <i>Epicoccum</i> | 7 | | | | | |
| <i>Fusarium</i> | 2 | | | | | |
| Hyphal Fragments | 9 | 3 | | | 2 | |
| <i>Nigrospora</i> | 13 | | | | | |
| <i>Paecilomyces</i> | 28 | | | 4 | | 32 |
| Periconia/Myxomycetes/Smuts | 42 | 1 | 1 | | 1 | 2 |
| <i>Pithomyces/Ulocladium</i> | 5 | | | | 1 | |
| Pollen | 15 | | | | | 1 |
| <i>Torula</i> | 1 | | | | | |



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Microbiology Analytical Report (Signature Page)

| | | | |
|------------------------|--|------------------------|---|
| QuantEM Lab ID: | 372207 | Client: | Cavins Environmental Group Gary Cavins |
| Date Received: | 09/05/2024 | | |
| Received By: | Robin Brady Naik | | |
| Analyzed By: | Terry Harrison | | |
| Date Analyzed: | 09/05/2024 | Account Number: | C185 |
| Methodology: | Spore Trap, Quantitative NonCulturable, MM001 | Project: | Norman Public Library Central |
| | | Location: | 103 W Acres St, Norman, OK 73069 |
| AIHA LAP, LLC: | 101352 | Project No: | 103 W Acres St |

Unless otherwise noted, upon receipt the condition of the sample was acceptable for analysis.

Customer provided data such as volumes, areas, etc., cannot be verified by QuantEM Laboratories, LLC.

(2)Also includes spores from Curvularia, Exosporium, Exserohilum and Helminthosporium.


The result(s) for Ascospores and Cladosporium in sample 1 are based on a trace analysis. The result is an estimation and not a total count. The analytical sensitivity is equal to one fungal spore, structure, pollen, etc.

Percent coverage = amount of particulate matter. With 25-50% coverage, results may be underestimated; with 50-70% coverage, results will be underestimated; with >70% coverage, slides are designated overloaded (too dirty to count).

The results taken from your home, building, etc. cannot be interpreted without physical inspection of the contaminated area or without considering the building's characteristics and the factors that led to the present condition. Interpretation of results is the responsibility of the company or individual who conducted the investigation.

This report shall not be reproduced except in full, without the written approval of the laboratory.

This report may not be used to claim endorsement by AIHA LAP, LLC. or any agency of the U.S. Government.

Approved: 
Terry Harrison, Manager



MICROBIOLOGY CHAIN OF CUSTODY

2033 Heritage Park Drive, Oklahoma City, OK 73120-7502
 (800) 822-1650 • (405) 755-7272 • Fax: (405) 755-2058

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For Lab Use Only

Lab No. 372207
 Accept Reject

| Contact Information | | Project Information | |
|----------------------------------|------------------------------|--|--|
| Company: Cavins Group | Phone: 405-573-3048 | Project Name: Norman Public Library Central | Report Results: <input checked="" type="checkbox"/> one box |
| Contact: Gary Cavins | Cell Phone: 405-61-8912 | Project Location: 103 W. Acres St., Norman, OK 73069 | <input type="checkbox"/> QuanTEM Website |
| Account #: _____ | E-mail: gary@cavinsgroup.com | Project ID: 103 W Acres St | <input checked="" type="checkbox"/> Email gary@cavinsgroup.com |
| SAMPLED BY: Name: Jessica Parker | Date: 9/5/2021 | P.O. Number: 103 W Acres St | <input type="checkbox"/> Other _____ |

| RELINQUISHED BY | DATE & TIME | VIA | RECEIVED BY | DATE & TIME |
|-----------------------|----------------|------|---------------------|----------------|
| <i>Jessica Parker</i> | 9/5/24 10:30am | hand | <i>Chloe Elford</i> | 9/5/24 10:33 |
| <i>Chloe Elford</i> | | hand | <i>[Signature]</i> | 9/5/24 @ 11:20 |

REQUESTED SERVICES (Please the Appropriate Boxes)

| Fungal Analysis (non-culture) | | Fungal Analysis (culture based) | | Bacterial Analysis | | TURNAROUND TIME | |
|--|--|---|--|--|--|--|--|
| <input checked="" type="checkbox"/> Spore Trap | <input type="checkbox"/> Bulk/Swab | <input type="checkbox"/> Impaction Plate | <input type="checkbox"/> Water Screen | <input type="checkbox"/> Water Screen | <input checked="" type="checkbox"/> Rush | <input type="checkbox"/> Same Day | <input type="checkbox"/> 14 - Day (Cultures) |
| <input type="checkbox"/> Spore Trap (Detailed) | <input type="checkbox"/> Bulk/Swab (Quantitative) | <input type="checkbox"/> Sedimentation Plate | <input type="checkbox"/> Sewage Screen | <input type="checkbox"/> Sewage Screen | <input type="checkbox"/> 24 - Hour | <input type="checkbox"/> 3 - Day | <input type="checkbox"/> 5 - Day |
| <input type="checkbox"/> Tape Lift | <input type="checkbox"/> Other (Specify in Comments) | <input type="checkbox"/> Bulk/Swab - Genus ID | <input type="checkbox"/> Heterotrophic Plate Count | <input type="checkbox"/> Heterotrophic Plate Count with ID | <input type="checkbox"/> Other (Specify in Comments) | <input type="checkbox"/> 14 - Day (Cultures) | |

| No. | Sample ID (10 Characters Max) | Description | Volume / Area (as applicable) | Media / Comments / Notes |
|-----|-------------------------------|------------------------------------|-------------------------------|------------------------------------|
| 1 | outside 3863 2642 | outside 3863 2642 | 75 | outside 3863 2642 Control |
| 2 | Children's Area | Children's area 3863 1008 | 75 | Children's area 3863 1008 |
| 3 | 1st FL CA | First Floor common area 3741 2393 | 75 | first floor common area 3741 2393 |
| 4 | 2nd FL CA | Second Floor common area 3863 2654 | 75 | second floor common area 3863 2654 |
| 5 | 3rd FL CA | Third floor common area | 75 | 3rd floor common area |
| 6 | Stairwell | Stair Well 3741 2363 | 75 | 3741 2363 |
| 7 | | | | |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |