

Suite 6

EFI Global, Inc.

155 West Street

EMSL Order: 132305565 Customer ID: EAFI66

Customer PO: Project ID:

Phone: (978) 688-3736

Fax: (978) 688-5494

Collected Date: 08/30/2023

Received Date: 08/30/2023 01:20 PM

Analyzed Date: 08/30/2023

Project: 014.06880 - Pawtucketville Memorial

Wilmington, MA 01887

Test Report:Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

| Lab Sample Number: Client Sample ID: Volume (L): | | 132305565-0001 A01 Field Blank | | | 32305565-0002 A02 75 | | 132305565-0003 A03 75 | | | |
|--|-----------|--------------------------------------|------------|-----------|----------------------------|------------|-----------------------------|-----------|------------|--|
| Sample Location: | | | | | Outdoors | | | Cafeteria | | |
| Spore Types | Raw Count | Count/m³ | % of Total | Raw Count | Count/m ³ | % of Total | Raw Count | Count/m³ | % of Total | |
| Alternaria (Ulocladium) | - | - | - | - | - | - | - | - | - | |
| Ascospores | - | - | - | 5 | 200 | 13.5 | 2 | 90 | 27.3 | |
| Aspergillus/Penicillium | - | - | - | - | - | - | 1 | 40 | 12.1 | |
| Basidiospores | - | - | - | 16 | 680 | 45.9 | 4 | 200 | 60.6 | |
| Bipolaris++ | - | - | - | - | - | - | - | - | - | |
| Chaetomium++ | - | - | - | - | - | - | - | - | - | |
| Cladosporium | - | - | - | 14 | 600 | 40.5 | - | - | - | |
| Curvularia | - | - | - | - | - | - | - | - | - | |
| Epicoccum | - | - | - | - | - | - | - | - | - | |
| Fusarium++ | - | - | - | - | - | - | - | - | - | |
| Ganoderma | - | - | - | - | - | - | - | - | - | |
| Myxomycetes++ | - | - | - | - | - | - | - | - | - | |
| Pithomyces++ | - | - | - | - | - | - | - | - | - | |
| Rust | - | - | - | - | - | - | - | - | - | |
| Scopulariopsis/Microascus | - | - | - | - | - | - | - | - | - | |
| Stachybotrys/Memnoniella | - | - | - | - | - | - | - | - | - | |
| Unidentifiable Spores | - | - | - | - | - | - | - | - | - | |
| Zygomycetes | - | - | - | - | - | - | - | - | - | |
| Total Fungi | - | No Trace | - | 35 | 1480 | 100 | 7 | 330 | 100 | |
| Hyphal Fragment | - | - | - | - | - | - | - | - | - | |
| Insect Fragment | - | - | - | - | - | - | - | - | - | |
| Pollen | - | - | - | - | - | - | - | - | - | |
| Analyt. Sensitivity 600x | - | 0 | - | - | 43 | - | - | 43 | | |
| Analyt. Sensitivity 300x | - | 0* | - | - | 13* | - | - | 13* | - | |
| Skin Fragments (1-4) | - | - | - | - | - | - | - | 1 | - | |
| Fibrous Particulate (1-4) | - | - | - | - | 1 | - | - | 1 | - | |
| Background (1-5) | - | - | - | - | 1 | - | - | 1 | - | |

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

> Steve Grise, Laboratory Manager or other Approved Signatory

Skin Fragment and Fibrous Particulate ratings are based on the percent of non-fungal material they represent: 1 (1-25%), 2 (26-50%), 3 (51-75%), or 4 (76-100%). Background ratings are based on the total area covered by non-fungal particles: 1 (1-25%), 2 (26-50%), 3 (51-75%), 4 (76-99%), or 5 (100%; overloaded, prohibiting accurate detection and quantification). High levels of background will obscure spores and other particulates, leading to underestimation. Present = Spores detected on overloaded samples. Results are not blank corrected unless otherwise noted. The detection limit is equal to one fungal spore, structure, pollen, fiber particle or insect fragment. Denotes particles found at 300X. "-" Denotes not detected. Due to method stopping rules, raw counts in excess of 100 are extrapolated based on the percentage analyzed. EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. When the information supplied by the customer can affect the validity of the result, it will be noted on the

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Project: 014.06880 - Pawtucketville Memorial

Wilmington, MA 01887

Test Report:Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

| Lab Sample Number: Client Sample ID: Volume (L): | | 132305565-0004 A04 75 Main Office, 1008 | | | 32305565-0005 A05 75 | | 132305565-0006 A06 75 | | | |
|--|-----------|--|------------|-----------|----------------------------|------------|-----------------------------|---------------|------------|--|
| Sample Location: | Ma | ain Office, 1008 | } | | Gymnasium | | С | lassroom 1038 | | |
| Spore Types | Raw Count | Count/m³ | % of Total | Raw Count | Count/m³ | % of Total | Raw Count | Count/m³ | % of Total | |
| Alternaria (Ulocladium) | - | - | - | - | - | - | - | - | - | |
| Ascospores | - | - | - | - | - | - | 2 | 90 | 5.3 | |
| Aspergillus/Penicillium | 1 | 40 | 17.4 | - | - | - | 27 | 1200 | 71 | |
| Basidiospores | 3 | 100 | 43.5 | - | - | - | 6 | 300 | 17.8 | |
| Bipolaris++ | - | - | - | - | - | - | - | - | - | |
| Chaetomium++ | - | - | - | - | - | - | - | - | - | |
| Cladosporium | - | - | - | - | - | - | - | - | - | |
| Curvularia | - | - | - | - | - | - | - | - | - | |
| Epicoccum | - | - | - | - | - | - | - | - | - | |
| Fusarium++ | - | - | - | - | - | - | - | - | - | |
| Ganoderma | - | - | - | - | - | - | - | - | - | |
| Myxomycetes++ | 2 | 90 | 39.1 | - | - | - | 3 | 100 | 5.9 | |
| Pithomyces++ | - | - | - | - | - | - | - | - | - | |
| Rust | - | - | - | - | - | - | - | - | - | |
| Scopulariopsis/Microascus | - | - | - | - | - | - | - | - | - | |
| Stachybotrys/Memnoniella | - | - | - | - | - | - | - | - | - | |
| Unidentifiable Spores | - | - | - | - | - | - | - | - | - | |
| Zygomycetes | - | - | - | - | - | - | - | - | - | |
| Total Fungi | 6 | 230 | 100 | - | None Detect | - | 38 | 1690 | 100 | |
| Hyphal Fragment | - | - | - | - | - | - | - | - | - | |
| Insect Fragment | - | - | - | - | - | - | - | - | - | |
| Pollen | - | - | - | - | - | - | - | - | - | |
| Analyt. Sensitivity 600x | - | 43 | - | - | 43 | - | - | 43 | - | |
| Analyt. Sensitivity 300x | - | 13* | - | - | 13* | - | - | 13* | - | |
| Skin Fragments (1-4) | - | 1 | - | - | 1 | - | - | 1 | - | |
| Fibrous Particulate (1-4) | - | 1 | - | - | 1 | - | - | 1 | - | |
| Background (1-5) | - | 1 | - | - | 1 | - | - | 1 | - | |

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

> Steve Grise, Laboratory Manager or other Approved Signatory

Skin Fragment and Fibrous Particulate ratings are based on the percent of non-fungal material they represent: 1 (1-25%), 2 (26-50%), 3 (51-75%), or 4 (76-100%). Background ratings are based on the total area covered by non-fungal particles: 1 (1-25%), 2 (26-50%), 3 (51-75%), 4 (76-99%), or 5 (100%; overloaded, prohibiting accurate detection and quantification). High levels of background will obscure spores and other particulates, leading to underestimation. Present = Spores detected on overloaded samples. Results are not blank corrected unless otherwise noted. The detection limit is equal to one fungal spore, structure, pollen, fiber particle or insect fragment. Denotes particles found at 300X. "-" Denotes not detected. Due to method stopping rules, raw counts in excess of 100 are extrapolated based on the percentage analyzed. EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. When the information supplied by the customer can affect the validity of the result, it will be noted on the

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Project: 014.06880 - Pawtucketville Memorial

Wilmington, MA 01887

Test Report:Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

| Lab Sample Number: Client Sample ID: Volume (L): Sample Location: | | 132305565-0007 A07 75 Classroom 1041 | | | 32305565-0008 A08 75 lassroom 1043 | | 132305565-0009 A09 75 Classroom 1045 | | | |
|--|-----------|---|-------------|-----------|---|------------|---|----------|------------|--|
| Spore Types | Raw Count | Count/m³ | % of Total | Raw Count | Count/m³ | % of Total | Raw Count | Count/m³ | % of Total | |
| Alternaria (Ulocladium) | - | - | 70 01 10141 | - | - | | - | - | - | |
| Ascospores | - | - | - | _ | - | - | 2 | 90 | 8.4 | |
| Aspergillus/Penicillium | 195 | 8320 | 96.2 | 48 | 2000 | 95.7 | 22 | 940 | 87.9 | |
| Basidiospores | 2 | 90 | 1 | 2 | 90 | 4.3 | 1 | 40 | 3.7 | |
| Bipolaris++ | - | - | - | - | - | - | - | - | - | |
| Chaetomium++ | - | - | - | - | - | - | - | - | - | |
| Cladosporium | 4 | 200 | 2.3 | - | - | - | - | - | - | |
| Curvularia | - | - | - | - | - | - | - | - | - | |
| Epicoccum | - | - | - | - | - | - | - | - | - | |
| Fusarium++ | 1 | 40 | 0.5 | - | - | - | - | - | - | |
| Ganoderma | - | - | - | - | - | - | - | - | - | |
| Myxomycetes++ | - | - | - | - | - | - | - | - | - | |
| Pithomyces++ | - | - | - | - | - | - | - | - | - | |
| Rust | - | - | - | - | - | - | - | - | - | |
| Scopulariopsis/Microascus | - | - | - | - | - | - | - | - | - | |
| Stachybotrys/Memnoniella | - | - | - | - | - | - | - | - | - | |
| Unidentifiable Spores | - | - | - | - | - | - | - | - | - | |
| Zygomycetes | - | - | - | - | - | - | - | - | - | |
| Total Fungi | 202 | 8650 | 100 | 50 | 2090 | 100 | 25 | 1070 | 100 | |
| Hyphal Fragment | - | - | - | - | - | - | - | - | - | |
| Insect Fragment | - | - | - | - | - | - | - | - | - | |
| Pollen | - | - | - | - | _ | - | - | - | _ | |
| Analyt. Sensitivity 600x | - | 43 | - | - | 43 | - | - | 43 | - | |
| Analyt. Sensitivity 300x | - | 13* | - | - | 13* | - | - | 13* | - | |
| Skin Fragments (1-4) | - | 1 | - | - | 1 | - | - | 1 | - | |
| Fibrous Particulate (1-4) | - | 1 | - | - | 1 | - | - | 1 | - | |
| Background (1-5) | - | 1 | - | - | 1 | - | - | 1 | - | |

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

> Steve Grise, Laboratory Manager or other Approved Signatory

Skin Fragment and Fibrous Particulate ratings are based on the percent of non-fungal material they represent: 1 (1-25%), 2 (26-50%), 3 (51-75%), or 4 (76-100%). Background ratings are based on the total area covered by non-fungal particles: 1 (1-25%), 2 (26-50%), 3 (51-75%), 4 (76-99%), or 5 (100%; overloaded, prohibiting accurate detection and quantification). High levels of background will obscure spores and other particulates, leading to underestimation. Present = Spores detected on overloaded samples. Results are not blank corrected unless otherwise noted. The detection limit is equal to one fungal spore, structure, pollen, fiber particle or insect fragment. Denotes particles found at 300X. "-" Denotes not detected. Due to method stopping rules, raw counts in excess of 100 are extrapolated based on the percentage analyzed. EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. When the information supplied by the customer can affect the validity of the result, it will be noted on the

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| Test Report:Air- | O-Cell(™) Analy | sis of Fungal S | pores & Partic | lethods MICR | MICRO-SOP-201, ASTM D7391) | | | | |
|--|-----------------|----------------------------|----------------|--------------|----------------------------|------------|-----------------------------|----------|------------|
| Lab Sample Number: Client Sample ID: Volume (L): | 1: | 32305565-0010 A10 75 | | 1: | 32305565-0011 A11 75 | | 132305565-0012 A12 75 | | |
| Sample Location: | С | lassroom 1063 | | С | lassroom 1061 | | Classroom 1066 | | |
| Spore Types | Raw Count | Count/m³ | % of Total | Raw Count | Count/m³ | % of Total | Raw Count | Count/m³ | % of Total |
| Alternaria (Ulocladium) | - | - | - | - | - | - | - | - | - |
| Ascospores | - | - | - | 1 | 40 | 2.3 | - | - | - |
| Aspergillus/Penicillium | 12 | 510 | 100 | 37 | 1600 | 92.5 | 8 | 300 | 42.9 |
| Basidiospores | - | - | - | 2 | 90 | 5.2 | - | - | - |
| Bipolaris++ | - | - | - | - | - | - | - | - | - |
| Chaetomium++ | - | - | - | - | - | - | - | - | - |
| Cladosporium | - | - | - | - | - | - | 9 | 400 | 57.1 |
| Curvularia | - | - | - | - | - | - | - | - | - |
| Epicoccum | - | - | - | - | - | - | - | - | - |
| Fusarium++ | - | - | - | - | - | - | - | - | - |
| Ganoderma | - | - | - | - | - | - | - | - | - |
| Myxomycetes++ | - | - | - | - | - | - | - | - | - |
| Pithomyces++ | - | - | - | - | - | - | - | - | - |
| Rust | - | - | - | - | - | - | - | - | - |
| Scopulariopsis/Microascus | - | - | - | - | - | - | - | - | - |
| Stachybotrys/Memnoniella | - | - | - | - | - | - | - | - | - |
| Unidentifiable Spores | - | - | - | - | - | - | - | - | - |
| Zygomycetes | - | - | - | - | - | - | - | - | - |
| Total Fungi | 12 | 510 | 100 | 40 | 1730 | 100 | 17 | 700 | 100 |
| Hyphal Fragment | - | - | - | 1 | 40 | - | - | - | - |
| Insect Fragment | - | - | - | - | - | - | - | - | - |
| Pollen | - | - | _ | - | - | - | - | - | - |
| Analyt. Sensitivity 600x | - | 43 | - | - | 43 | - | - | 43 | - |
| Analyt. Sensitivity 300x | - | 13* | - | - | 13* | - | - | 13* | - |
| Skin Fragments (1-4) | - | 1 | - | - | 1 | - | - | 1 | - |
| Fibrous Particulate (1-4) | - | 1 | - | - | 1 | - | - | 1 | - |
| Background (1-5) | - | 1 | - | - | 1 | - | - | 1 | - |

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

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Test Report:Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

| Lab Sample Number: Client Sample ID: Volume (L): | 1 | 132305565-0013 A13 75 Classroom 1067 | | | 32305565-0014 A14 75 | | 132305565-0015 A15 75 | | |
|--|-----------|---|------------|-----------|----------------------------|------------|-----------------------------|---------------|------------|
| Sample Location: | С | lassroom 1067 | | С | lassroom 1069 | | С | lassroom 1072 | |
| Spore Types | Raw Count | Count/m³ | % of Total | Raw Count | Count/m³ | % of Total | Raw Count | Count/m³ | % of Total |
| Alternaria (Ulocladium) | - | - | - | - | - | - | - | - | - |
| Ascospores | 2 | 90 | 17 | - | - | - | - | - | - |
| Aspergillus/Penicillium | 3 | 100 | 18.9 | 2 | 90 | 18.4 | 3 | 100 | 52.6 |
| Basidiospores | 1 | 40 | 7.5 | 3 | 100 | 20.4 | - | - | - |
| Bipolaris++ | - | - | - | - | - | - | - | - | - |
| Chaetomium++ | - | - | - | - | - | - | - | - | - |
| Cladosporium | 8 | 300 | 56.6 | 7 | 300 | 61.2 | 2 | 90 | 47.4 |
| Curvularia | - | - | - | - | - | - | - | - | - |
| Epicoccum | - | - | - | - | - | - | - | - | - |
| Fusarium++ | - | - | - | - | - | - | - | - | - |
| Ganoderma | - | - | - | - | - | - | - | - | - |
| Myxomycetes++ | - | - | - | - | - | - | - | - | - |
| Pithomyces++ | - | - | - | - | - | - | - | - | - |
| Rust | - | - | - | - | - | - | - | - | - |
| Scopulariopsis/Microascus | - | - | - | - | - | - | - | - | - |
| Stachybotrys/Memnoniella | - | - | - | - | - | - | - | - | - |
| Unidentifiable Spores | - | - | - | - | - | - | - | - | - |
| Zygomycetes | - | - | - | - | - | - | - | - | - |
| Total Fungi | 14 | 530 | 100 | 12 | 490 | 100 | 5 | 190 | 100 |
| Hyphal Fragment | - | - | - | - | - | - | - | - | - |
| Insect Fragment | - | - | - | - | - | - | - | - | - |
| Pollen | - | - | - | - | - | - | - | - | - |
| Analyt. Sensitivity 600x | - | 43 | - | - | 43 | - | - | 43 | - |
| Analyt. Sensitivity 300x | - | 13* | - | - | 13* | - | - | 13* | - |
| Skin Fragments (1-4) | - | 1 | - | - | 1 | - | - | 1 | - |
| Fibrous Particulate (1-4) | - | 1 | - | - | 1 | - | - | 1 | - |
| Background (1-5) | - | 1 | - | - | 1 | - | - | 1 | - |

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

Steve Grise, Laboratory Manager or other Approved Signatory

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Test Report:Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

| Lab Sample Number: Client Sample ID: Volume (L): Sample Location: | | 132305565-0016 A16 75 Classroom 1074 | | | 32305565-0017 A17 75 lassroom 1068 | | 132305565-0018 A18 75 Classroom 1071 | | | |
|--|-----------|---|------------|-----------|---|------------|---|----------|------------|--|
| Spore Types | Raw Count | Count/m³ | % of Total | Raw Count | Count/m³ | % of Total | Raw Count | Count/m³ | % of Total | |
| Alternaria (Ulocladium) | - | - | - | - | - | - | - | - | - | |
| Ascospores | 9 | 400 | 19.3 | 1 | 40 | 10.5 | 6 | 300 | 6 | |
| Aspergillus/Penicillium | 32 | 1400 | 67.6 | 8 | 300 | 78.9 | 94 | 4000 | 79.7 | |
| Basidiospores | 1 | 40 | 1.9 | 1 | 40 | 10.5 | 1 | 40 | 0.8 | |
| Bipolaris++ | - | - | - | - | - | - | - | - | - | |
| Chaetomium++ | - | - | - | - | - | - | - | - | - | |
| Cladosporium | 2 | 90 | 4.3 | - | - | - | 16 | 680 | 13.5 | |
| Curvularia | - | - | - | - | - | - | - | - | - | |
| Epicoccum | - | - | - | - | - | - | - | - | - | |
| Fusarium++ | - | - | - | - | - | - | - | - | - | |
| Ganoderma | - | - | - | - | - | - | - | - | - | |
| Myxomycetes++ | 3 | 100 | 4.8 | - | - | - | - | - | - | |
| Pithomyces++ | 1 | 40 | 1.9 | - | - | - | - | - | - | |
| Rust | - | - | - | - | - | - | - | - | - | |
| Scopulariopsis/Microascus | - | - | - | - | - | - | - | - | - | |
| Stachybotrys/Memnoniella | - | - | - | - | - | - | - | - | - | |
| Unidentifiable Spores | - | - | - | - | - | - | - | - | - | |
| Zygomycetes | - | - | - | - | - | - | - | - | - | |
| Total Fungi | 48 | 2070 | 100 | 10 | 380 | 100 | 117 | 5020 | 100 | |
| Hyphal Fragment | - | - | - | - | - | - | - | - | - | |
| Insect Fragment | - | - | - | - | - | - | - | - | - | |
| Pollen | - | - | - | - | - | - | - | - | - | |
| Analyt. Sensitivity 600x | - | 43 | - | - | 43 | - | - | 43 | - | |
| Analyt. Sensitivity 300x | - | 13* | - | - | 13* | - | - | 13* | - | |
| Skin Fragments (1-4) | - | 1 | - | - | 1 | - | - | 1 | - | |
| Fibrous Particulate (1-4) | - | 1 | - | - | 1 | - | - | 1 | - | |
| Background (1-5) | - | 2 | - | - | 2 | - | - | 3 | - | |

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

> Steve Grise, Laboratory Manager or other Approved Signatory

Skin Fragment and Fibrous Particulate ratings are based on the percent of non-fungal material they represent: 1 (1-25%), 2 (26-50%), 3 (51-75%), or 4 (76-100%). Background ratings are based on the total area covered by non-fungal particles: 1 (1-25%), 2 (26-50%), 3 (51-75%), 4 (76-99%), or 5 (100%; overloaded, prohibiting accurate detection and quantification). High levels of background will obscure spores and other particulates, leading to underestimation. Present = Spores detected on overloaded samples. Results are not blank corrected unless otherwise noted. The detection limit is equal to one fungal spore, structure, pollen, fiber particle or insect fragment. Denotes particles found at 300X. "-" Denotes not detected. Due to method stopping rules, raw counts in excess of 100 are extrapolated based on the percentage analyzed. EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. When the information supplied by the customer can affect the validity of the result, it will be noted on the

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Suite 6

EFI Global, Inc.

155 West Street

EMSL Order: 132305565 Customer ID: EAFI66

Customer PO: Project ID:

Phone: (978) 688-3736

Fax: (978) 688-5494 **Collected Date: 08/30/2023**

Received Date: 08/30/2023 01:20 PM

Analyzed Date: 08/30/2023

Wilmington, MA 01887 Project: 014.06880 - Pawtucketville Memorial

Test Report:Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

| Lab Sample Number: Client Sample ID: Volume (L): | | 132305565-0019 A19 75 | | | 32305565-0020 A20 75 | | 132305565-0021 A21 75 | | | |
|--|-----------|-----------------------------|------------|-----------|----------------------------|------------|-----------------------------|---------------|------------|--|
| Sample Location: | С | lassroom 1073 | | С | lassroom 1075 | | С | lassroom 1076 | | |
| Spore Types | Raw Count | Count/m³ | % of Total | Raw Count | Count/m³ | % of Total | Raw Count | Count/m³ | % of Total | |
| Alternaria (Ulocladium) | - | - | - | - | - | · - | - | - | - | |
| Ascospores | 1 | 40 | 3.5 | - | - | - | 8 | 300 | 24.2 | |
| Aspergillus/Penicillium | 25 | 1100 | 96.5 | 15 | 640 | 57.7 | 23 | 940 | 75.8 | |
| Basidiospores | - | - | - | - | - | - | - | - | - | |
| Bipolaris++ | - | - | - | - | - | - | - | - | - | |
| Chaetomium++ | - | - | - | - | - | - | - | - | - | |
| Cladosporium | - | - | - | 7 | 300 | 27 | - | - | - | |
| Curvularia | - | - | - | - | - | - | - | - | - | |
| Epicoccum | - | - | - | - | - | - | - | - | - | |
| Fusarium++ | - | - | - | 1 | 40 | 3.6 | - | - | - | |
| Ganoderma | - | - | - | - | - | - | - | - | - | |
| Myxomycetes++ | - | - | - | 2 | 90 | 8.1 | - | - | - | |
| Pithomyces++ | - | - | - | 1 | 40 | 3.6 | - | - | - | |
| Rust | - | - | - | - | - | - | - | - | - | |
| Scopulariopsis/Microascus | - | - | - | - | - | - | - | - | - | |
| Stachybotrys/Memnoniella | - | - | - | - | - | - | - | - | - | |
| Unidentifiable Spores | - | - | - | - | - | - | - | - | - | |
| Zygomycetes | - | - | - | - | - | - | - | - | - | |
| Total Fungi | 26 | 1140 | 100 | 26 | 1110 | 100 | 31 | 1240 | 100 | |
| Hyphal Fragment | - | - | - | - | - | - | - | - | - | |
| Insect Fragment | - | - | - | - | - | - | - | - | - | |
| Pollen | - | - | - | - | - | - | - | - | - | |
| Analyt. Sensitivity 600x | - | 43 | - | - | 43 | - | - | 41 | - | |
| Analyt. Sensitivity 300x | - | 13* | - | - | 13* | - | - | 13* | - | |
| Skin Fragments (1-4) | - | 1 | - | - | 1 | - | - | 1 | - | |
| Fibrous Particulate (1-4) | - | 1 | - | - | 1 | - | - | 1 | - | |
| Background (1-5) | - | 2 | - | - | 2 | - | - | 1 | - | |

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

> Steve Grise, Laboratory Manager or other Approved Signatory

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Customer PO: Project ID:

Phone: (978) 688-3736

Fax: (978) 688-5494

Collected Date: 08/30/2023

Received Date: 08/30/2023 01:20 PM

Analyzed Date: 08/30/2023

Project: 014.06880 - Pawtucketville Memorial

Wilmington, MA 01887

Test Report:Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

| Lab Sample Number: Client Sample ID: Volume (L): | | 132305565-0022 A22 75 Classroom 1077 | | | 32305565-0023 A23 75 | | 132305565-0024 A24 75 | | | |
|--|-----------|---|------------|-----------|----------------------------|------------|-----------------------------|---------------|------------|--|
| Sample Location: | С | lassroom 1077 | | С | lassroom 1078 | | C | lassroom 1079 | | |
| Spore Types | Raw Count | Count/m³ | % of Total | Raw Count | Count/m³ | % of Total | Raw Count | Count/m³ | % of Total | |
| Alternaria (Ulocladium) | - | - | <u> </u> | - | - | · - | - | · - | · - | |
| Ascospores | 2 | 80 | 13.8 | 2 | 80 | 4.1 | - | - | - | |
| Aspergillus/Penicillium | 3 | 100 | 17.2 | 16 | 660 | 34 | 14 | 570 | 62.6 | |
| Basidiospores | 4 | 200 | 34.5 | 5 | 200 | 10.3 | 8 | 300 | 33 | |
| Bipolaris++ | - | - | - | - | - | - | - | - | - | |
| Chaetomium++ | - | - | - | - | - | - | - | - | - | |
| Cladosporium | 6 | 200 | 34.5 | 25 | 1000 | 51.5 | - | - | - | |
| Curvularia | - | - | - | - | - | - | - | - | - | |
| Epicoccum | - | - | - | - | - | - | - | - | - | |
| Fusarium++ | - | - | - | - | - | - | - | - | - | |
| Ganoderma | - | - | - | - | - | - | - | - | - | |
| Myxomycetes++ | - | - | - | - | - | - | - | - | - | |
| Pithomyces++ | - | - | - | - | - | - | 1 | 40 | 4.4 | |
| Rust | - | - | - | - | - | - | - | - | - | |
| Scopulariopsis/Microascus | - | - | - | - | - | - | - | - | - | |
| Stachybotrys/Memnoniella | - | - | - | - | - | - | - | - | - | |
| Unidentifiable Spores | - | - | - | - | - | - | - | - | - | |
| Zygomycetes | - | - | - | - | - | - | - | - | - | |
| Total Fungi | 15 | 580 | 100 | 48 | 1940 | 100 | 23 | 910 | 100 | |
| Hyphal Fragment | - | - | - | - | - | - | - | - | - | |
| Insect Fragment | - | - | - | - | - | - | - | - | - | |
| Pollen | - | - | - | - | - | - | - | - | - | |
| Analyt. Sensitivity 600x | - | 41 | - | - | 41 | - | - | 41 | - | |
| Analyt. Sensitivity 300x | - | 13* | - | - | 13* | - | - | 13* | - | |
| Skin Fragments (1-4) | - | 1 | - | - | 1 | - | - | 1 | - | |
| Fibrous Particulate (1-4) | - | 1 | - | - | 1 | - | - | 1 | - | |
| Background (1-5) | - | 1 | - | - | 1 | - | - | 1 | - | |

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

> Steve Grise, Laboratory Manager or other Approved Signatory

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Analyzed Date: 08/30/2023

Project: 014.06880 - Pawtucketville Memorial

Wilmington, MA 01887

Test Report:Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

| Lab Sample Number: Client Sample ID: Volume (L): Sample Location: | 1: | 132305565-0025 A25 75 Classroom 1081 | | | 32305565-0026 A26 75 | | 132305565-0027 A27 75 Classroom 1083 | | | |
|---|-----------|---|------------|-----------|----------------------------|-------------|---|----------|-------------|--|
| Spore Types | Raw Count | Count/m³ | % of Total | Raw Count | Count/m³ | % of Total | Raw Count | Count/m³ | % of Total | |
| Alternaria (Ulocladium) | Raw Count | Countrill | % OI TOTAL | Raw Count | Countrill | 76 OI 10tai | Raw Count | Countrin | 76 OI TOLAI | |
| Ascospores | 3 | 100 | 4 | _ | _ | - | _ | _ | _ | |
| Aspergillus/Penicillium | 52 | 2100 | 84 | _ | _ | _ | _ | _ | _ | |
| Basidiospores | 7 | 300 | 12 | 3 | 100 | 50 | 4 | 200 | 29 | |
| Bipolaris++ | - | - | - | - | - | - | - | - | - | |
| Chaetomium++ | _ | _ | _ | _ | - | _ | _ | _ | _ | |
| Cladosporium | _ | _ | _ | 3 | 100 | 50 | 12 | 490 | 71 | |
| Curvularia | _ | _ | _ | _ | - | - | - | - | - | |
| Epicoccum | _ | _ | _ | _ | _ | _ | _ | _ | _ | |
| Fusarium++ | _ | _ | _ | _ | _ | _ | _ | _ | _ | |
| Ganoderma | _ | _ | _ | _ | _ | _ | _ | _ | _ | |
| Myxomycetes++ | _ | _ | _ | _ | _ | _ | _ | _ | _ | |
| Pithomyces++ | _ | _ | _ | _ | _ | _ | _ | _ | _ | |
| Rust | _ | _ | _ | _ | _ | _ | _ | _ | _ | |
| Scopulariopsis/Microascus | _ | - | - | _ | _ | _ | _ | _ | - | |
| Stachybotrys/Memnoniella | _ | - | - | _ | - | - | _ | _ | _ | |
| Unidentifiable Spores | _ | - | - | _ | - | _ | _ | _ | - | |
| Zygomycetes | - | - | - | _ | - | - | - | - | _ | |
| Total Fungi | 62 | 2500 | 100 | 6 | 200 | 100 | 16 | 690 | 100 | |
| Hyphal Fragment | - | - | - | - | - | - | - | - | - | |
| Insect Fragment | - | - | - | - | - | - | - | - | - | |
| Pollen | - | - | - | - | - | - | - | - | - | |
| Analyt. Sensitivity 600x | - | 41 | - | - | 41 | - | - | 41 | - | |
| Analyt. Sensitivity 300x | - | 13* | - | - | 13* | - | - | 13* | - | |
| Skin Fragments (1-4) | - | 1 | - | - | 1 | - | - | 1 | - | |
| Fibrous Particulate (1-4) | - | 1 | - | - | 1 | - | - | 1 | - | |
| Background (1-5) | - | 1 | - | - | 1 | - | - | 1 | - | |

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

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Analyzed Date: 08/30/2023

Project: 014.06880 - Pawtucketville Memorial

Wilmington, MA 01887

Test Report:Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

| Lab Sample Number: Client Sample ID: Volume (L): | | 132305565-0028 A28 75 Music Room, 1097 | | | 32305565-0029 A29 75 | | 132305565-0030 A30 75 | | | |
|--|-----------|---|------------|-----------|----------------------------|------------|-----------------------------|----------|------------|--|
| Sample Location: | Mι | ısic Room, 109 | 7 | Δ | Art Room, 1093 | | | Kitchen | | |
| Spore Types | Raw Count | Count/m³ | % of Total | Raw Count | Count/m³ | % of Total | Raw Count | Count/m³ | % of Total | |
| Alternaria (Ulocladium) | - | - | - | - | - | - | - | - | - | |
| Ascospores | 17 | 700 | 64.8 | - | - | - | 19 | 780 | 43.8 | |
| Aspergillus/Penicillium | - | - | - | 8 | 300 | 60 | 17 | 700 | 39.3 | |
| Basidiospores | 8 | 300 | 27.8 | - | - | - | 3 | 100 | 5.6 | |
| Bipolaris++ | - | - | - | - | - | - | - | - | - | |
| Chaetomium++ | - | - | - | - | - | - | - | - | - | |
| Cladosporium | - | - | - | 5 | 200 | 40 | 4 | 200 | 11.2 | |
| Curvularia | - | - | - | - | - | - | - | - | - | |
| Epicoccum | - | - | - | - | - | - | - | - | - | |
| Fusarium++ | - | - | - | - | - | - | - | - | - | |
| Ganoderma | - | - | - | - | - | - | - | - | - | |
| Myxomycetes++ | - | - | - | - | - | - | - | - | - | |
| Pithomyces++ | 2 | 80 | 7.4 | - | - | - | - | - | - | |
| Rust | - | - | - | - | - | - | - | - | - | |
| Scopulariopsis/Microascus | - | - | - | - | - | - | - | - | - | |
| Stachybotrys/Memnoniella | - | - | - | - | - | - | - | - | - | |
| Unidentifiable Spores | - | - | - | - | - | - | - | - | - | |
| Zygomycetes | - | - | - | - | - | - | - | - | - | |
| Total Fungi | 27 | 1080 | 100 | 13 | 500 | 100 | 43 | 1780 | 100 | |
| Hyphal Fragment | - | - | - | - | - | - | - | - | - | |
| Insect Fragment | - | - | - | - | - | - | - | - | - | |
| Pollen | - | - | - | - | - | - | - | - | - | |
| Analyt. Sensitivity 600x | - | 41 | - | - | 41 | - | - | 41 | - | |
| Analyt. Sensitivity 300x | - | 13* | - | - | 13* | - | - | 13* | - | |
| Skin Fragments (1-4) | - | 1 | - | - | 1 | - | - | 1 | - | |
| Fibrous Particulate (1-4) | - | 1 | - | - | 1 | - | - | 1 | - | |
| Background (1-5) | | 1 | - | - | 1 | - | | 1 | | |

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

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Wilmington, MA 01887 Project: 014.06880 - Pawtucketville Memorial

Test Report:Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

| Lab Sample Number: Client Sample ID: Volume (L): Sample Location: | | 132305565-0031 A31 75 Classroom 2001 Raw Count Count/m³ % of Total | | | 32305565-0032 A32 75 lassroom 2002 | | 132305565-0033 A33 75 Classroom 2003 | | | |
|--|-----------|--|------------|-----------|---|------------|---|----------|------------|--|
| Spore Types | Raw Count | Count/m³ | % of Total | Raw Count | Count/m³ | % of Total | Raw Count | Count/m³ | % of Total | |
| Alternaria (Ulocladium) | - | - | - | - | - | - | - | - | - | |
| Ascospores | 18 | 740 | 71.2 | 11 | 450 | 23.3 | 28 | 1100 | 68.8 | |
| Aspergillus/Penicillium | - | - | - | - | - | - | - | - | - | |
| Basidiospores | 6 | 200 | 19.2 | 35 | 1400 | 72.5 | 9 | 400 | 25 | |
| Bipolaris++ | - | - | - | - | - | - | - | - | - | |
| Chaetomium++ | - | - | - | - | - | - | - | - | - | |
| Cladosporium | 3 | 100 | 9.6 | - | - | - | 3 | 100 | 6.3 | |
| Curvularia | - | - | - | 1 | 40 | 2.1 | - | - | - | |
| Epicoccum | - | - | - | - | - | - | - | - | - | |
| Fusarium++ | - | - | - | - | - | - | - | - | - | |
| Ganoderma | - | - | - | - | - | - | - | - | - | |
| Myxomycetes++ | - | - | - | - | - | - | - | - | - | |
| Pithomyces++ | - | - | - | 1 | 40 | 2.1 | - | - | - | |
| Rust | - | - | - | - | - | - | - | - | - | |
| Scopulariopsis/Microascus | - | - | - | - | - | - | - | - | - | |
| Stachybotrys/Memnoniella | - | - | - | - | - | - | - | - | - | |
| Unidentifiable Spores | - | - | - | - | - | - | - | - | - | |
| Zygomycetes | - | - | - | - | - | - | - | - | - | |
| Total Fungi | 27 | 1040 | 100 | 48 | 1930 | 100 | 40 | 1600 | 100 | |
| Hyphal Fragment | - | - | - | - | - | - | - | - | - | |
| Insect Fragment | - | - | - | - | - | - | - | - | - | |
| Pollen | - | - | - | - | - | - | - | - | - | |
| Analyt. Sensitivity 600x | - | 41 | - | - | 41 | - | - | 41 | - | |
| Analyt. Sensitivity 300x | - | 13* | - | - | 13* | - | - | 13* | - | |
| Skin Fragments (1-4) | - | 1 | - | - | 1 | - | - | 1 | - | |
| Fibrous Particulate (1-4) | - | 1 | - | - | 1 | - | - | 1 | - | |
| Background (1-5) | - | 1 | - | - | 2 | - | - | 1 | - | |

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

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Test Report:Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

| Lab Sample Number: Client Sample ID: Volume (L): | | 132305565-0034 A34 75 Classroom 2004 | | | 32305565-0035 A35 75 | | 132305565-0036 A36 75 | | | |
|--|-----------|---|------------|-----------|----------------------------|------------|-----------------------------|---------------|------------|--|
| Sample Location: | С | lassroom 2004 | | С | lassroom 2005 | | | Library, 2018 | | |
| Spore Types | Raw Count | Count/m³ | % of Total | Raw Count | Count/m³ | % of Total | Raw Count | Count/m³ | % of Total | |
| Alternaria (Ulocladium) | - | - | - | - | - | - | - | - | - | |
| Ascospores | 40 | 1600 | 62 | 24 | 990 | 70.7 | 17 | 700 | 53.4 | |
| Aspergillus/Penicillium | - | - | - | - | - | - | - | - | - | |
| Basidiospores | 19 | 780 | 30.2 | 10 | 410 | 29.3 | 14 | 570 | 43.5 | |
| Bipolaris++ | - | - | - | - | - | - | - | - | - | |
| Chaetomium++ | - | - | - | - | - | - | - | - | - | |
| Cladosporium | 5 | 200 | 7.8 | - | - | - | - | - | - | |
| Curvularia | - | - | - | - | - | - | - | - | - | |
| Epicoccum | - | - | - | - | - | - | - | - | - | |
| Fusarium++ | - | - | - | - | - | - | - | - | - | |
| Ganoderma | - | - | - | - | - | - | - | - | - | |
| Myxomycetes++ | - | - | - | - | - | - | - | - | - | |
| Pithomyces++ | - | - | - | - | - | - | 1 | 40 | 3.1 | |
| Rust | - | - | - | - | - | - | - | - | - | |
| Scopulariopsis/Microascus | - | - | - | - | - | - | - | - | - | |
| Stachybotrys/Memnoniella | - | - | - | - | - | - | - | - | - | |
| Unidentifiable Spores | - | - | - | - | - | - | - | - | - | |
| Zygomycetes | - | - | - | - | - | - | - | - | - | |
| Total Fungi | 64 | 2580 | 100 | 34 | 1400 | 100 | 32 | 1310 | 100 | |
| Hyphal Fragment | - | - | - | - | - | - | - | - | - | |
| Insect Fragment | - | - | - | - | - | - | - | - | - | |
| Pollen | - | - | - | - | - | - | 1 | - | - | |
| Analyt. Sensitivity 600x | - | 41 | - | - | 41 | - | - | 41 | - | |
| Analyt. Sensitivity 300x | - | 13* | - | - | 13* | - | - | 13* | - | |
| Skin Fragments (1-4) | - | 1 | - | - | 1 | - | - | 1 | - | |
| Fibrous Particulate (1-4) | - | 1 | - | - | 1 | - | - | 1 | - | |
| Background (1-5) | - | 1 | - | - | 1 | - | - | 1 | - | |

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

> Steve Grise, Laboratory Manager or other Approved Signatory

Skin Fragment and Fibrous Particulate ratings are based on the percent of non-fungal material they represent: 1 (1-25%), 2 (26-50%), 3 (51-75%), or 4 (76-100%). Background ratings are based on the total area covered by non-fungal particles: 1 (1-25%), 2 (26-50%), 3 (51-75%), 4 (76-99%), or 5 (100%; overloaded, prohibiting accurate detection and quantification). High levels of background will obscure spores and other particulates, leading to underestimation. Present = Spores detected on overloaded samples. Results are not blank corrected unless otherwise noted. The detection limit is equal to one fungal spore, structure, pollen, fiber particle or insect fragment. Denotes particles found at 300X. "-" Denotes not detected. Due to method stopping rules, raw counts in excess of 100 are extrapolated based on the percentage analyzed. EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. When the information supplied by the customer can affect the validity of the result, it will be noted on the

Samples analyzed by EMSL Analytical, Inc. Woburn, MA AIHA LAP, LLC-EMLAP Accredited #180179



Suite 6

EFI Global, Inc.

155 West Street

EMSL Order: 132305565 Customer ID: EAFI66

Customer PO: Project ID:

Phone: (978) 688-3736

Fax: (978) 688-5494

Collected Date: 08/30/2023

Received Date: 08/30/2023 01:20 PM

Analyzed Date: 08/30/2023

Project: 014.06880 - Pawtucketville Memorial

Wilmington, MA 01887

Test Report; Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391)

| Lab Sample Number: Client Sample ID: Volume (L): Sample Location: | 0-Cell(I ^{III}) Analysis of Fungal Spores & Partic 132305565-0037 A37 75 Room 2012 | | | 132305565-0038 A38 75 Room 2019, Teachers Room | | | 132305565-0039 A39 75 Room 2027 | | |
|--|---|----------|------------|---|----------|------------|--|----------|------------|
| Spore Types | Raw Count | Count/m³ | % of Total | Raw Count | Count/m³ | % of Total | Raw Count | Count/m³ | % of Total |
| Alternaria (Ulocladium) | - | - | - | - | - | _ | - | - | - |
| Ascospores | 5 | 200 | 21.5 | 34 | 1400 | 65.4 | 38 | 1600 | 34.8 |
| Aspergillus/Penicillium | 13 | 530 | 57 | - | - | - | - | - | - |
| Basidiospores | 3 | 100 | 10.8 | 18 | 740 | 34.6 | 74 | 3000 | 65.2 |
| Bipolaris++ | - | - | - | - | - | - | - | - | - |
| Chaetomium++ | - | - | - | - | - | - | - | - | - |
| Cladosporium | 3 | 100 | 10.8 | - | - | - | - | - | - |
| Curvularia | - | - | - | - | - | - | - | - | - |
| Epicoccum | - | - | - | - | - | - | - | - | - |
| Fusarium++ | - | - | - | - | - | - | - | - | - |
| Ganoderma | - | - | - | - | - | - | - | - | - |
| Myxomycetes++ | - | - | - | - | - | - | - | - | - |
| Pithomyces++ | - | - | - | - | - | - | - | - | - |
| Rust | - | - | - | - | - | - | - | - | - |
| Scopulariopsis/Microascus | - | - | - | - | - | - | - | - | - |
| Stachybotrys/Memnoniella | - | - | - | - | - | - | - | - | - |
| Unidentifiable Spores | - | - | - | - | - | - | - | - | - |
| Zygomycetes | - | - | - | - | - | - | - | - | - |
| Total Fungi | 24 | 930 | 100 | 52 | 2140 | 100 | 112 | 4600 | 100 |
| Hyphal Fragment | - | - | - | - | - | - | - | - | - |
| Insect Fragment | - | - | - | - | - | - | - | - | - |
| Pollen | - | - | - | - | - | - | - | - | - |
| Analyt. Sensitivity 600x | - | 41 | - | - | 41 | - | - | 41 | - |
| Analyt. Sensitivity 300x | - | 13* | - | - | 13* | - | - | 13* | - |
| Skin Fragments (1-4) | - | 1 | - | - | 1 | - | - | 1 | - |
| Fibrous Particulate (1-4) | - | 1 | - | - | 1 | - | - | 1 | - |
| Background (1-5) | - | 1 | - | - | 1 | - | - | 1 | - |

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

> Steve Grise, Laboratory Manager or other Approved Signatory

Skin Fragment and Fibrous Particulate ratings are based on the percent of non-fungal material they represent: 1 (1-25%), 2 (26-50%), 3 (51-75%), or 4 (76-100%). Background ratings are based on the total area covered by non-fungal particles: 1 (1-25%), 2 (26-50%), 3 (51-75%), 4 (76-99%), or 5 (100%; overloaded, prohibiting accurate detection and quantification). High levels of background will obscure spores and other particulates, leading to underestimation. Present = Spores detected on overloaded samples. Results are not blank corrected unless otherwise noted. The detection limit is equal to one fungal spore, structure, pollen, fiber particle or insect fragment. Denotes particles found at 300X. "-" Denotes not detected. Due to method stopping rules, raw counts in excess of 100 are extrapolated based on the percentage analyzed. EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. When the information supplied by the customer can affect the validity of the result, it will be noted on the

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EFI Global, Inc.

155 West Street

EMSL Order: 132305565 Customer ID: EAFI66

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Phone: (978) 688-3736

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Collected Date: 08/30/2023

Received Date: 08/30/2023 01:20 PM

Analyzed Date: 08/30/2023

Project: 014.06880 - Pawtucketville Memorial

Wilmington, MA 01887

| Test Report:Air-O-Cell(™) Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods MICRO-SOP-201, ASTM D7391) | | | | | | | | | |
|--|-----------------------------|----------|------------|---|---|---|---|---|---|
| Lab Sample Number: Client Sample ID: Volume (L): | 132305565-0040 A40 75 | | | | | | | | |
| Sample Location: | | Outdoors | | | | | | | |
| Spore Types | Raw Count | Count/m³ | % of Total | - | - | - | - | - | - |
| Alternaria (Ulocladium) | - | - | - | - | | - | - | | - |
| Ascospores | 92 | 3800 | 54.3 | - | | - | - | | - |
| Aspergillus/Penicillium | - | - | - | - | | - | - | | - |
| Basidiospores | 79 | 3200 | 45.7 | - | | - | - | | - |
| Bipolaris++ | - | - | - | - | | - | - | | |
| Chaetomium++ | - | - | - | - | | - | - | | - |
| Cladosporium | - | - | - | - | | - | - | | |
| Curvularia | - | - | - | - | | - | - | | - |
| Epicoccum | - | - | - | - | | - | - | | - |
| Fusarium++ | - | - | - | - | | - | - | | - |
| Ganoderma | - | - | - | - | | - | - | | - |
| Myxomycetes++ | - | - | - | - | | - | - | | - |
| Pithomyces++ | - | - | - | - | | - | - | | - |
| Rust | - | - | - | - | | - | - | | - |
| Scopulariopsis/Microascus | - | - | - | - | | - | | | - |
| Stachybotrys/Memnoniella | - | - | - | - | | - | - | | - |
| Unidentifiable Spores | - | - | - | - | | - | - | | - |
| Zygomycetes | - | - | - | - | | - | - | | - |
| Total Fungi | 171 | 7000 | 100 | - | | - | - | | - |
| Hyphal Fragment | - | - | - | - | | - | - | | - |
| Insect Fragment | - | - | - | - | | - | - | | - |
| Pollen | - | - | - | - | - | - | - | - | - |
| Analyt. Sensitivity 600x | - | 41 | - | - | | - | - | | - |
| Analyt. Sensitivity 300x | - | 13* | - | - | | - | - | | - |
| Skin Fragments (1-4) | - | 1 | - | - | | | - | | |
| Fibrous Particulate (1-4) | - | 1 | - | - | | - | - | | - |
| Background (1-5) | - | 1 | - | - | | | - | | |

++ Includes other spores with similar morphology; see EMSL's fungal glossary for each specific category.

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