



EMSL Canada Inc.

413 Forge Road, SE Calgary, AB T2H 0S9
 Phone/Fax: 403-879-1149 / (403) 879-1152
<http://www.EMSL.com> / CalgaryLab@EMSL.com

Order ID: 651501105
 Customer ID: 55BEAL80A
 Customer PO:
 Project ID:

Attn: Trent Blaus
 Bersch & Associates, Ltd.
 2658 Howell Drive
 Regina, SK S4N 6K5

Phone: (306) 757-6665
Fax: (306) 757-6664
Collected: 04/10/2015
Received: 04/20/2015
Analyzed: 04/20/2015

Proj: R85 - ST. CATHERINE SCHOOL

Test Report: Air-O-Cell™ Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods EMSL 05-TP-003, ASTM D7391)

| Lab Sample Number: | 651501105-0001 | | | 651501105-0002 | | | 651501105-0003 | | |
|---------------------------|----------------|----------------------|------------|----------------|----------------------|------------|-----------------------|----------------------|------------|
| Client Sample ID: | RM85.01 | | | RM85.02 | | | RM85.03 | | |
| Volume (L): | 60 | | | 60 | | | 60 | | |
| Sample Location: | CRAWL SPACE | | | ROOM 6 | | | MAIN FLOOR - CORRIDOR | | |
| Spore Types | Raw Count | Count/m ³ | % of Total | Raw Count | Count/m ³ | % of Total | Raw Count | Count/m ³ | % of Total |
| Alternaria | - | - | - | - | - | - | - | - | - |
| Ascospores | - | - | - | - | - | - | - | - | - |
| Aspergillus/Penicillium | - | - | - | - | - | - | - | - | - |
| Basidiospores | - | - | - | - | - | - | - | - | - |
| Bipolaris++ | - | - | - | - | - | - | - | - | - |
| Chaetomium | - | - | - | - | - | - | - | - | - |
| Cladosporium | - | - | - | - | - | - | - | - | - |
| Curvularia | - | - | - | - | - | - | - | - | - |
| Epicoccum | - | - | - | - | - | - | - | - | - |
| Fusarium | - | - | - | - | - | - | - | - | - |
| Ganoderma | - | - | - | - | - | - | - | - | - |
| Myxomycetes++ | - | - | - | - | - | - | - | - | - |
| Pithomyces | - | - | - | - | - | - | - | - | - |
| Rust | - | - | - | - | - | - | - | - | - |
| Scopulariopsis | - | - | - | - | - | - | - | - | - |
| Stachybotrys | - | - | - | - | - | - | - | - | - |
| Torula | - | - | - | - | - | - | - | - | - |
| Ulocladium | - | - | - | - | - | - | - | - | - |
| Unidentifiable Spores | - | - | - | - | - | - | - | - | - |
| Zygomycetes | - | - | - | - | - | - | - | - | - |
| Total Fungi | - | None Detected | - | - | None Detected | - | - | None Detected | - |
| Hyphal Fragment | - | - | - | - | - | - | - | - | - |
| Insect Fragment | - | - | - | - | - | - | - | - | - |
| Pollen | - | - | - | - | - | - | - | - | - |
| Analyt. Sensitivity 600x | - | 55 | - | - | 55 | - | - | 55 | - |
| Analyt. Sensitivity 300x | - | 17* | - | - | 17* | - | - | 17* | - |
| Skin Fragments (1-4) | - | - | - | - | - | - | - | - | - |
| Fibrous Particulate (1-4) | - | - | - | - | - | - | - | - | - |
| Background (1-5) | - | 1 | - | - | 1 | - | - | 1 | - |

Bipolaris++ = Bipolaris/Drechslera/Exserohilum
 Myxomycetes++ = Myxomycetes/Periconia/Smut

Jefferson Salvador, Laboratory Manager
 or Other Approved Signatory

No discernable field blank was submitted with this group of samples.

High levels of background particulate can obscure spores and other particulates leading to underestimation. Background levels of 5 indicate an overloading of background particulates, prohibiting accurate detection and quantification. 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. 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. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Canada Inc. Calgary, AB

Initial report from: 04/23/2015 09:28:27

For Information on the fungi listed in this report please visit the Resources section at www.emsl.com



EMSL Canada Inc.

413 Forge Road, SE Calgary, AB T2H 0S9
 Phone/Fax: 403-879-1149 / (403) 879-1152
<http://www.EMSL.com> / CalgaryLab@EMSL.com

Order ID: 651501105
 Customer ID: 55BEAL80A
 Customer PO:
 Project ID:

Attn: Trent Blaus
 Bersch & Associates, Ltd.
 2658 Howell Drive
 Regina, SK S4N 6K5

Phone: (306) 757-6665
Fax: (306) 757-6664
Collected: 04/10/2015
Received: 04/20/2015
Analyzed: 04/20/2015

Proj: R85 - ST. CATHERINE SCHOOL

Test Report: Air-O-Cell™ Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods EMSL 05-TP-003, ASTM D7391)

| Lab Sample Number: | 651501105-0004 | | |
|---------------------------|-------------------|----------------------|------------|
| Client Sample ID: | RM85.04 | | |
| Volume (L): | 60 | | |
| Sample Location: | OUTDOOR REFERENCE | | |
| Spore Types | Raw Count | Count/m ³ | % of Total |
| Alternaria | - | - | - |
| Ascospores | - | - | - |
| Aspergillus/Penicillium | - | - | - |
| Basidiospores | - | - | - |
| Bipolaris++ | - | - | - |
| Chaetomium | - | - | - |
| Cladosporium | - | - | - |
| Curvularia | - | - | - |
| Epicoccum | - | - | - |
| Fusarium | - | - | - |
| Ganoderma | - | - | - |
| Myxomycetes++ | - | - | - |
| Pithomyces | - | - | - |
| Rust | - | - | - |
| Scopulariopsis | - | - | - |
| Stachybotrys | - | - | - |
| Torula | - | - | - |
| Ulocladium | - | - | - |
| Unidentifiable Spores | 1 | 60 | 100 |
| Zygomycetes | - | - | - |
| Total Fungi | 1 | 60 | 100 |
| Hyphal Fragment | 1 | 60 | - |
| Insect Fragment | - | - | - |
| Pollen | - | - | - |
| Analyt. Sensitivity 600x | - | 55 | - |
| Analyt. Sensitivity 300x | - | 17* | - |
| Skin Fragments (1-4) | - | - | - |
| Fibrous Particulate (1-4) | - | - | - |
| Background (1-5) | - | 2 | - |

Bipolaris++ = Bipolaris/Drechslera/Exserohilum
 Myxomycetes++ = Myxomycetes/Periconia/Smut

Jefferson Salvador, Laboratory Manager
 or Other Approved Signatory

No discernable field blank was submitted with this group of samples.

High levels of background particulate can obscure spores and other particulates leading to underestimation. Background levels of 5 indicate an overloading of background particulates, prohibiting accurate detection and quantification. 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. 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. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Canada Inc. Calgary, AB

Initial report from: 04/23/2015 09:28:27

For Information on the fungi listed in this report please visit the Resources section at www.emsl.com