

EMSL Analytical, Inc.

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Client: H2H Indoor Air Solutions 123 Heron Drive Palm Coast, FL 32137	EMSL Order ID: 611800182 Date Received: 2/5/2018 Date Analyzed: 2/7/2018 Date Reported: 2/8/2018
Attention: Richard Van Dort Project: Flagler Sheriff/OID-1569	

Rapid Detection of Common Molds by Quantitative PCR

EMSL Test: M233

Lab Sample Number	0182-1	0182-2	-	-
Client Sample ID	Room 129	Room IT	-	-
Sample Location	N/A	N/A	-	-
Sample size	0.18m3 Air	0.18m3 Air	-	-
EPA 36 Species Group -1	Spores E./ m3 Air	Spores E./ m3 Air	Spores E./ m3 Air	Spores E./ m3 Air
<i>Aspergillus flavus</i>	ND	ND	-	-
<i>Aspergillus fumigatus</i>	ND	ND	-	-
<i>Aspergillus niger</i>	ND	ND	-	-
<i>Aspergillus ochraceus</i>	ND	ND	-	-
<i>Aspergillus penicillioides</i>	3	ND	-	-
<i>Aspergillus restrictus</i>	ND	ND	-	-
<i>Aspergillus sclerotiorum</i>	ND	ND	-	-
<i>Aspergillus sydowii</i>	ND	ND	-	-
<i>Aspergillus unguis</i>	ND	ND	-	-
<i>Aspergillus versicolor</i>	ND	ND	-	-
<i>Eurotium (A.) amstelodami</i>	ND	ND	-	-
<i>Aureobasidium pullulans</i>	ND	ND	-	-
<i>Chaetomium globosum</i>	ND	214	-	-
<i>Cladosporium sphaerospermum</i>	12	1	-	-
<i>Paecilomyces variotii</i>	ND	ND	-	-
<i>Penicillium brevicompactum</i>	ND	ND	-	-
<i>Penicillium corylophilum</i>	ND	ND	-	-
<i>Penicillium crustosum (group2)</i>	ND	ND	-	-
<i>Penicillium purpurogenum</i>	ND	ND	-	-
<i>Penicillium spinulosum</i>	ND	ND	-	-
<i>Penicillium variable</i>	ND	ND	-	-
<i>Scopulariopsis brevicaulis</i>	ND	ND	-	-
<i>Scopulariopsis chartarum</i>	ND	ND	-	-
<i>Stachybotrys chartarum</i>	ND	ND	-	-
<i>Trichoderma viride</i>	ND	ND	-	-
<i>Wallemia sebi</i>	ND	ND	-	-
I-Total Spores Detected	15	215		

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Client Sample ID	Room 129	Room IT	-	-
Sample Location	N/A	N/A	-	-
Sample size	0.18m3 Air	0.18m3 Air	-	-
EPA 36 Species Group -2	Spores E./ m3 Air	Spores E./ m3 Air	Spores E./ m3 Air	Spores E./ m3 Air
<i>Acremonium strictum</i>	ND	ND	-	-
<i>Alternaria alternata</i>	ND	ND	-	-
<i>Aspergillus ustus</i>	26	ND	-	-
<i>Cladosporium cladosporioides I</i>	15	2	-	-
<i>Cladosporium cladosporioides II</i>	ND	ND	-	-
<i>Cladosporium herbarum</i>	ND	ND	-	-
<i>Epicoccum nigrum</i>	ND	ND	-	-
<i>Mucor and Rhizopus group</i>	ND	ND	-	-
<i>Penicillium chrysogenum</i>	920	191	-	-
<i>Rhizopus stolonifer</i>	ND	ND	-	-
II-Total Spores Detected	961	193		

Notes: ND=None detected; the result is below the analytical detection limit or not present.

EMSL maintains liability limited to cost of analysis. Interpretation of the data contained in this report is 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. The above test report relates only to the items tested. EMSL bears no responsibility for sample collection activities or analytical method limitations.

Sergey Balashov, Ph.D.

PCR Laboratory Director