

EMSL Analytical, Inc.

200 Route 130 N, Cinnaminson, NJ 08077, Tel: 800-220-3675, Fax: 856-786-0262
 www.EMSL.com, Email: Dnlab2@EMSL.com



Client: H2H Indoor Air Solutions 123 Heron Drive Palm Coast, FL 32137	EMSL Order ID: 611800401 Date Received: 3/7/2018 Date Analyzed: 3/9/2018 Date Reported: 3/12/2018
Attention: Richard Van Dort	
Project: Sheriff's Office	

Rapid Detection of Common Molds by Quantitative PCR

EMSL Test: M233

Lab Sample Number	0401-1	-	-	-
Client Sample ID	C-2	-	-	-
Sample Location	IT Room	-	-	-
Sample size	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	-	-	-
<i>Aspergillus fumigatus</i>	ND	-	-	-
<i>Aspergillus niger</i>	ND	-	-	-
<i>Aspergillus ochraceus</i>	ND	-	-	-
<i>Aspergillus penicillioides</i>	2	-	-	-
<i>Aspergillus restrictus</i>	ND	-	-	-
<i>Aspergillus sclerotiorum</i>	ND	-	-	-
<i>Aspergillus sydowii</i>	ND	-	-	-
<i>Aspergillus unguis</i>	ND	-	-	-
<i>Aspergillus versicolor</i>	ND	-	-	-
<i>Eurotium (A.) amstelodami</i>	ND	-	-	-
<i>Aureobasidium pullulans</i>	ND	-	-	-
<i>Chaetomium globosum</i>	224	-	-	-
<i>Cladosporium sphaerospermum</i>	42	-	-	-
<i>Paecilomyces variotii</i>	ND	-	-	-
<i>Penicillium brevicompactum</i>	ND	-	-	-
<i>Penicillium corylophilum</i>	ND	-	-	-
<i>Penicillium crustosum (group2)</i>	ND	-	-	-
<i>Penicillium purpurogenum</i>	ND	-	-	-
<i>Penicillium spinulosum</i>	ND	-	-	-
<i>Penicillium variable</i>	ND	-	-	-
<i>Scopulariopsis brevicaulis</i>	ND	-	-	-
<i>Scopulariopsis chartarum</i>	ND	-	-	-
<i>Stachybotrys chartarum</i>	ND	-	-	-
<i>Trichoderma viride</i>	ND	-	-	-
<i>Wallemia sebi</i>	5	-	-	-
I-Total Spores Detected	273			

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Client Sample ID	C-2	-	-	-
Sample Location	IT Room	-	-	-
Sample size	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	-	-	-
<i>Alternaria alternata</i>	5	-	-	-
<i>Aspergillus ustus</i>	9	-	-	-
<i>Cladosporium cladosporioides I</i>	69	-	-	-
<i>Cladosporium cladosporioides II</i>	41	-	-	-
<i>Cladosporium herbarum</i>	ND	-	-	-
<i>Epicoccum nigrum</i>	28	-	-	-
<i>Mucor and Rhizopus group</i>	ND	-	-	-
<i>Penicillium chrysogenum</i>	ND	-	-	-
<i>Rhizopus stolonifer</i>	ND	-	-	-
II-Total Spores Detected	152			

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