



# EMSL Analytical, Inc.

2700 West Cypress Creek Rd, Suite B-111 Fort Lauderdale, FL 33309

Phone/Fax: [REDACTED]  
<http://www.EMSL.com> / [REDACTED]

Order ID: 561502494  
Customer ID: JRIS78  
Customer PO:  
Project ID:

**Attn:** Greg Rothberg  
JR Inspections Service, Inc.  
7220 Serrano Terrace  
Delray Beach, FL 33446

**Phone:** [REDACTED]  
**Fax:** [REDACTED]  
**Collected:** 06/30/2015  
**Received:** 07/01/2015  
**Analyzed:** 07/01/2015

**Proj:** Indyke

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

Lab Sample Number:	561502494-0001			561502494-0002			561502494-0003		
Client Sample ID:	175808			176170			176165		
Volume (L):	25			25			25		
Sample Location:	Exterior			Kitchen / Family Room			2nd Rear Family Room		
Spore Types	Raw Count	Count/m <sup>3</sup>	% of Total	Raw Count	Count/m <sup>3</sup>	% of Total	Raw Count	Count/m <sup>3</sup>	% of Total
Alternaria	5	200	0.6	-	-	-	-	-	-
Ascospores	32	1300	4	-	-	-	-	-	-
Aspergillus/Penicillium	12	480	1.5	13	520	56.5	25	1000	76.9
Basidiospores	109	4360	13.3	8	300	32.6	6	200	15.4
Bipolaris++	1	40	0.1	-	-	-	-	-	-
Chaetomium	-	-	-	-	-	-	-	-	-
Cladosporium	630	25200	76.7	3	100	10.9	3	100	7.7
Curvularia	10	400	1.2	-	-	-	-	-	-
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium	1	40	0.1	-	-	-	-	-	-
Ganoderma	4	200	0.6	-	-	-	-	-	-
Myxomycetes++	5	200	0.6	-	-	-	-	-	-
Pithomyces	-	-	-	-	-	-	-	-	-
Rust	-	-	-	-	-	-	-	-	-
Scopulariopsis	-	-	-	-	-	-	-	-	-
Stachybotrys	-	-	-	-	-	-	-	-	-
Torula	-	-	-	-	-	-	-	-	-
Ulocladium	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Cercospora	1	40	0.1	-	-	-	-	-	-
Nigrospora	4	200	0.6	-	-	-	-	-	-
Pyricularia	4	200	0.6	-	-	-	-	-	-
<b>Total Fungi</b>	<b>818</b>	<b>32860</b>	<b>100</b>	<b>24</b>	<b>920</b>	<b>100</b>	<b>34</b>	<b>1300</b>	<b>100</b>
Hyphal Fragment	1	40	-	-	-	-	-	-	-
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	1	40	-	-	-	-	-	-	-
Analyt. Sensitivity 600x	-	40	-	-	40	-	-	40	-
Analyt. Sensitivity 300x	-	39*	-	-	39*	-	-	39*	-
Skin Fragments (1-4)	-	-	-	-	1	-	-	1	-
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-
Background (1-5)	-	4	-	-	1	-	-	1	-

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

Mario Gonzalez, Microbiology Laboratory  
Manager

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

Samples received in good condition unless otherwise noted.  
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.  
The detection limit is equal to one fungal spore, structure, pollen, fiber particle or insect fragment.  
Present= Spores found during additional scan at lower mag. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. Results have not been adjusted for field or laboratory blank unless otherwise noted.

Initial report from: 07/01/2015 16:09:02



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**Proj:** Indyke

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

Lab Sample Number:	561502494-0004			561502494-0005			561502494-0006		
Client Sample ID:	176150			176121			175995		
Volume (L):	25			25			25		
Sample Location:	Living Room			Office			Master Bedroom		
Spore Types	Raw Count	Count/m <sup>3</sup>	% of Total	Raw Count	Count/m <sup>3</sup>	% of Total	Raw Count	Count/m <sup>3</sup>	% of Total
Alternaria	-	-	-	-	-	-	-	-	-
Ascospores	-	-	-	2	80	8.2	2	80	9.1
Aspergillus/Penicillium	15	600	57.7	7	300	30.6	12	480	54.5
Basidiospores	5	200	19.2	4	200	20.4	2	80	9.1
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium	-	-	-	-	-	-	-	-	-
Cladosporium	6	200	19.2	10	400	40.8	4	200	22.7
Curvularia	-	-	-	-	-	-	-	-	-
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium	-	-	-	-	-	-	-	-	-
Ganoderma	1	40	3.8	-	-	-	-	-	-
Myxomycetes++	-	-	-	-	-	-	-	-	-
Pithomyces	-	-	-	-	-	-	-	-	-
Rust	-	-	-	-	-	-	-	-	-
Scopulariopsis	-	-	-	-	-	-	1	40	4.5
Stachybotrys	-	-	-	-	-	-	-	-	-
Torula	-	-	-	-	-	-	-	-	-
Ulocladium	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Cercospora	-	-	-	-	-	-	-	-	-
Nigrospora	-	-	-	-	-	-	-	-	-
Pyricularia	-	-	-	-	-	-	-	-	-
<b>Total Fungi</b>	<b>27</b>	<b>1040</b>	<b>100</b>	<b>23</b>	<b>980</b>	<b>100</b>	<b>21</b>	<b>880</b>	<b>100</b>
Hyphal Fragment	-	-	-	3	100	-	-	-	-
Insect Fragment	1	40	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-
Analyt. Sensitivity 600x	-	40	-	-	40	-	-	40	-
Analyt. Sensitivity 300x	-	39*	-	-	39*	-	-	39*	-
Skin Fragments (1-4)	-	2	-	-	3	-	-	3	-
Fibrous Particulate (1-4)	-	2	-	-	2	-	-	2	-
Background (1-5)	-	2	-	-	3	-	-	3	-

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

Mario Gonzalez, Microbiology Laboratory Manager

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For information on the fungi listed in this report please visit the Resources section at [www.emsl.com](http://www.emsl.com)



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

Lab Sample Number:	561502494-0007			561502494-0008			561502494-0009		
Client Sample ID:	176184			176157			176188		
Volume (L):	25			25			25		
Sample Location:	Guest Bedroom #1			Guest Bedroom #2			Guest Bedroom #3		
Spore Types	Raw Count	Count/m <sup>3</sup>	% of Total	Raw Count	Count/m <sup>3</sup>	% of Total	Raw Count	Count/m <sup>3</sup>	% of Total
Alternaria	-	-	-	-	-	-	-	-	-
Ascospores	1	40	4.3	-	-	-	2	80	8
Aspergillus/Penicillium	10	400	43.5	8	300	65.2	7	300	30
Basidiospores	4	200	21.7	1	40	8.7	8	300	30
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium	-	-	-	-	-	-	-	-	-
Cladosporium	6	200	21.7	2	80	17.4	5	200	20
Curvularia	-	-	-	1	40	8.7	1	40	4
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	-	-	-
Myxomycetes++	-	-	-	-	-	-	1	40	4
Pithomyces	-	-	-	-	-	-	1	40	4
Rust	1	40	4.3	-	-	-	-	-	-
Scopulariopsis	-	-	-	-	-	-	-	-	-
Stachybotrys	-	-	-	-	-	-	-	-	-
Torula	-	-	-	-	-	-	-	-	-
Ulocladium	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Cercospora	-	-	-	-	-	-	-	-	-
Nigrospora	1	40	4.3	-	-	-	-	-	-
Pyricularia	-	-	-	-	-	-	-	-	-
<b>Total Fungi</b>	<b>23</b>	<b>920</b>	<b>100</b>	<b>12</b>	<b>460</b>	<b>100</b>	<b>25</b>	<b>1000</b>	<b>100</b>
Hyphal Fragment	-	-	-	1	40	-	-	-	-
Insect Fragment	1	40	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-
Analyt. Sensitivity 600x	-	40	-	-	40	-	-	40	-
Analyt. Sensitivity 300x	-	39*	-	-	39*	-	-	39*	-
Skin Fragments (1-4)	-	2	-	-	2	-	-	2	-
Fibrous Particulate (1-4)	-	2	-	-	2	-	-	2	-
Background (1-5)	-	2	-	-	2	-	-	2	-

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Mario Gonzalez, Microbiology Laboratory Manager

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

Lab Sample Number:	561502494-0010		
Client Sample ID:	176119		
Volume (L):	25		
Sample Location:	Guest Bedroom #4		
Spore Types	Raw Count	Count/m <sup>3</sup>	% of Total
Alternaria	-	-	-
Ascospores	3	100	16.1
Aspergillus/Penicillium	6	200	32.3
Basidiospores	4	200	32.3
Bipolaris++	-	-	-
Chaetomium	-	-	-
Cladosporium	2	80	12.9
Curvularia	1	40	6.5
Epicoccum	-	-	-
Fusarium	-	-	-
Ganoderma	-	-	-
Myxomycetes++	-	-	-
Pithomyces	-	-	-
Rust	-	-	-
Scopulariopsis	-	-	-
Stachybotrys	-	-	-
Torula	-	-	-
Ulocladium	-	-	-
Unidentifiable Spores	-	-	-
Cercospora	-	-	-
Nigrospora	-	-	-
Pyricularia	-	-	-
<b>Total Fungi</b>	<b>16</b>	<b>620</b>	<b>100</b>
Hyphal Fragment	-	-	-
Insect Fragment	-	-	-
Pollen	-	-	-
Analyt. Sensitivity 600x	-	40	-
Analyt. Sensitivity 300x	-	39*	-
Skin Fragments (1-4)	-	2	-
Fibrous Particulate (1-4)	-	2	-
Background (1-5)	-	2	-

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