



Assured Bio Labs, LLC ViaScan Analysis

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Inspector:	Certified Mold Inspector	Date Collected:	9/27/2010
Project:	A Moldy Building	Date Received:	9/28/2010
Job Number:	09-004.17	Date Reported:	10/10/2010
Assured Bio Identifier:	CMI092710-7	Analyst:	Laboratory Analyst

Selected References

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Methods of Analysis

Assured Bio Labs, LLC uses the following Standard Operating Procedures for the analysis of samples:

- ViaScan/ Culturable Bacteria from Bulk Material: 125
- ViaScan/ Culturable Bacteria from a Swab: 126
- ViaScan/ Culturable Bacteria from an Air Sample: 138
- Bacterial Species ID for Dominant Organisms: 117, 118, 119, 120
- Bacteria Species Id of Enteric Gram Negative Bacteria: 142

- ViaScan/ Culturable Fungi from Bulk Material: 122
- ViaScan/ Culturable Fungi from a Swab: 124
- ViaScan/ Culturable Fungi from an Air Sample: 138
- Fungal Species ID for Dominant Organisms: 117, 118, 119, 120

Reporting Limits

Minimum Reporting Limit: The American Industrial Hygiene Association defines this term in AIHA LQAP Policy Document – Module 9 as "The minimum concentration of an analyte that, in a given matrix and with a specific method, has a 99 percent probability of being identified, qualitatively or quantitatively measured, and reported to be greater than zero."

Analytical Sensitivity: The American Industrial Hygiene Association defines this term in AIHA LQAP Policy Document – Module 9 as "The lowest concentration that can be detected by the method, based upon the amount or portion of sample analyzed."

Additional Comments

The analytical data included in this report reflect only the conditions of the material sampled and submitted to the laboratory for analysis at the time of collection. The results included in this report may not be used for past or future environmental conditions.

Assured Bio Labs, LLC utilizes the standard outlined in *Bioaerosols: Assessment and Control* by J. Macher when making reliable interpretations. It states, "In general, 25 to 250 bacterial colonies and 10 to 60 fungal colonies are considered optimal for accurate counting and identification of CFU's on standard 100-mm plates."

Sample Number:	CMI092710-7-1	Incubation Temperature:	27 C
Sample ID:	PDA Plate Air (6/09-T2/1)	Sample Volume:	57 L
Sample Condition:	Intact	Sample Type:	Air
Minimum Reporting Limit:	1 CFU	Analytical Sensitivity:	18 CFU/cubic meter

	<u>Colony Forming Units Counted</u>	<u>Colony Forming Units/cubic meter</u>
Colony Identifications:		
<i>Acremonium sp.</i>	1	18
<i>Fusarium sp.</i>	5	88
Pink Yeast	8	140

The total colony forming units per cubic meter is 246.

Sample Number:	CMI092710-7-2	Incubation Temperature:	27 C
Sample ID:	PDA Plate Air (6/09-T2/16)	Sample Volume:	57 L
Sample Condition:	Intact	Sample Type:	Air
Minimum Reporting Limit:	1 CFU	Analytical Sensitivity:	18 CFU/cubic meter

	<u>Colony Forming Units Counted</u>	<u>Colony Forming Units/cubic meter</u>
Colony Identifications:		
<i>Penicillium sp.</i>	17	298
<i>Trichoderma sp.</i>	3	53

The total colony forming units per cubic meter is 351.

Sample Number:	CMI092710-7-3	Incubation Temperature:	27 C
Sample ID:	PDA Plate Air (06/09-T31W)	Sample Volume:	57 L
Sample Condition:	Intact	Sample Type:	Air
Minimum Reporting Limit:	1 CFU	Analytical Sensitivity:	18 CFU/cubic meter

	<u>Colony Forming Units Counted</u>	<u>Colony Forming Units/cubic meter</u>
Colony Identifications:		
<i>Ulocladium atrum</i>	8	140
<i>Penicillium brevicompactum</i>	4	70

The total colony forming units per cubic meter is 210.
