



Assured Biotechnology Corporation

ViaScan Analysis

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Inspector:	A Mold Inspector	Date Collected:	12/7/2009
Project	789 Main Street	Date Received:	12/7/2009
Job Number:	12345	Date Reported:	12/15/2009
Assured Bio Identifier:	MI120709-10	Analyst:	Lab Analyst

Selected References

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Methods of Analysis

Assured Biotechnology Corporation 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 Biotechnology Corporation 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:	MI120709-10-1 (0911397)	Incubation Temperature:	27 C
Sample ID:	Outside	Sample Volume:	55.93 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>Curvularia lunata</i>	2	36
<i>Aphanoascus fulvescens</i>	10	179

The total colony forming units per cubic meter is 215.

Sample Number:	MI120709-10-2 (0911398)	Incubation Temperature:	27 C
Sample ID:	Master Bedroom	Sample Volume:	55.93 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 commune</i>	2	36
<i>Penicillium brevicompactum</i>	1	18

The total colony forming units per cubic meter is 54.

Sample Number:	MI120709-10-3 (0911399)	Incubation Temperature:	27 C
Sample ID:	Living Room	Sample Volume:	54.27 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>Cladosporium sphaerospermum</i>	1	18
<i>Aureobasidium pullulans</i>	1	18

The total colony forming units per cubic meter is 36.
