



Assured Bio Labs, LLC ViaScan Analysis

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Inspector:	Certified Mold Inspector	Date Collected:	
Project	123 Main	Date Received:	6/28/2013
Job Number:		Date Reported:	7/3/2013
Assured Bio Identifier:	KL062813-10	Analyst:	L. Pope

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."

Reporting Limit: 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 and Method Limitations

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."

The results obtained from samples submitted to Assured Bio Labs, LLC depend greatly upon conditions at the time of culture. Conditions which have been found to effect sample results include, but are not limited to, temperature, humidity, growth media, unique growth requirements, sample volume, light exposure, incubation time, and sample overloading.

Any modifications to a method of analysis shall be discussed with the inspector prior to sample processing and shall be documented directly under the effected sample.

Sample Number:	KL062813-10-1	Incubation Temperature:	27° C
Sample ID:	Outside	Sample Volume:	75 L
Sample Condition:	Intact	Sample Type:	Bulk
Minimum Reporting Limit:	1 CFU	Reporting Limit:	13 CFU/cubic meter

	<u>Colony Forming Units Counted</u>	<u>Colony Forming Units/cubic meter</u>
Colony Identifications:		
<i>Cladosporium sp.</i>	53	710
<i>Aspergillus sp.</i>	5	67
Other Fungi	55	730

Method Modifications: No modifications were made to method 138.

Sample Number:	KL062813-10-2	Incubation Temperature:	27° C
Sample ID:	Basement Den	Sample Volume:	75 L
Sample Condition:	Intact	Sample Type:	Bulk
Minimum Reporting Limit:	1 CFU	Reporting Limit:	13 CFU/cubic meter

	<u>Colony Forming Units Counted</u>	<u>Colony Forming Units/cubic meter</u>
Colony Identifications:		
<i>Penicillium sp.</i>	2	26
<i>Aspergillus sp.</i>	13	170
Other Fungi	18	230

Method Modifications: No modifications were made to method 138.

Sample Number:	KL062813-10-3	Incubation Temperature:	27° C
Sample ID:	Living Room Main Level	Sample Volume:	140 L
Sample Condition:	Intact	Sample Type:	Bulk
Minimum Reporting Limit:	1 CFU	Reporting Limit:	7 CFU/cubic meter

	<u>Colony Forming Units Counted</u>	<u>Colony Forming Units/cubic meter</u>
Colony Identifications:		
<i>Cladosporium sp.</i>	48	340
<i>Penicillium sp.</i>	2	14
Other Fungi	15	110

Method Modifications: No modifications were made to method 138.
