Mold & Bacteria Consulting Laboratories
1020 Brevik Place, Unit 1A
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More Than Just Lab Results

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Laboratory Analytical Results

CONTACT NAME:	John R. Allen	**TYPE OF SAMPLES:**	Air: Allergenco	**PROJECT NAME:**	2010 CIVIC 2HGFAIF2SAH003738
COMPANY:	LeakPro/Sterling Honda	**NO. OF SAMPLES:**	2	**PROJECT NO:**	1
ADDRESS:	205-610 Ford Drive Oakville, ON L6J 7W4	**DATE COLLECTED:** **DATE RECEIVED:** **DATE ANALYSED:**	September 1, 2011 September 2, 2011 September 2, 2011	**LAB REFERENCE:** **ANALYSED BY:**	MBL7645ANA Jackson Kung'u, PhD
PHONE:	905-829-5325	**DATE REPORTED:**	September 2, 2011	**REVIEWED BY:**	Iveta Kukurova, PhD

Method of Analysis: ASTM D7391 - 09 Standard Test Method for Categorization and Quantification of Airborne Fungal Structures

The slide impacted with air sample is placed on a drop of lactophenol cotton blue on a clean microscope slide and subsequently scanned at X 100 or X 200 magnification to give the analyst an overview of sample deposition and the diversity of the spores present on the slide. The slide is then analysed at X400 or X600 magnification by counting and identifying spores in at least 20% of the sample deposition area. Spores occurring in chains are counted individually. Raw counts are converted to spores/m^3 of air. Spores lacking distinguishing characteristics are reported as "Unidentified spores". Where the analyst is able to identify the group to which the spores belong but not the mould they belong to, the spores may be recorded as "Unidentified Basidiospores or Unidentified Ascospores". Spores of *Aspergillus* and *Penicillium* (and others such as *Acremonium* , *Paecilomyces*) are difficult to distinguish and are reported as *Aspergillus/Penicillium* .

A scale of 0 to 5+ is used to rate abundance of non-fungal material (debris), with 5+ indicating the largest amount. Large amounts of debris may obscure small spores. Therefore, counts from samples with 5+ non-fungal material may be treated as undercounts. Except for blanks, samples with no detected spores are recorded as "less than the method detection limit" (MDL). Results are not corrected for blanks.

Summary Results/Interpretation or Comments (where applicable):

Please see results on page 2. Compared with the outside sample the total fungal spore count for the sample collected from inside the car is low. Also, the spore categories for both outside and inside the car are similar (but in low counts inside the car) suggesting that majority of the spores from inside the car could have originated from outside.

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CONTACT NAME: John R. Allen
COMPANY: LeakPro/Sterling Honda
PROJECT NO: 1
TYPE OF SAMPLES: Air: Allergenco
LAB REFERENCE: MBL7645ANA
ANALYST: Jackson Kung'u, PhD

Client's Sample No:	1			2																	
Lab Sample ID:	MBL7645ANA-1			MBL7645ANA-2																	
Sample Description	Outside			Inside Car																	
Other Sample ID No.	064165			064162																	
Total Air Volume (L)	150			150																	
Sample Area Analysed (%)	25			25																	
Fungal spores identified	**raw ct.**	**%**	**ct./m^3**	**raw ct.**	**%**	**ct./m^3**	**raw ct.**	**%**	**ct./m^3**	**raw ct.**	**%**	**ct./m^3**	**raw ct.**	**%**	**ct./m^3**	**raw ct.**	**%**	**ct./m^3**	**raw ct.**	**%**	**ct./m^3**
Alternaria sp.	3	1	79	1	0	26															
Ascospores (undifferentiated)	39	9	1026	22	10	579															
Aspergillus/Penicillium sp.	48	11	1262	30	13	789															
Basidiospores (undifferentiated)	74	17	1946	24	11	631															
Chaetomium sp																					
Cladosporium sp.	93	21	2446	36	16	947															
Coprinus sp	5	1	132																		
Cercospora-like	1	0	26																		
Drechslera/Bipolaris group																					
Epicoccum sp.																					
Fusarium sp.																					
Ganoderma sp.	10	2	263	4	2	105															
Oidium sp.	2	0	53																		
Pithomyces sp.	2	0	53																		
Rusts/Smuts/Myxomycetes																					
Stachybotrys sp																					
Ulocladium sp.																					
Other unidentified spores	167	38	4392	106	48	2788															
Pollen	10		263																		
Fungal fragments Counts																					
Debris Rating (0-5+)	2+			2+																	
Spores/sample	1752			880																	
TOTAL SPORES/M^3			**11,678**			**5,865**															
MDL (SPORES/M^3)			26			26															

Notes: 1. Samples analysed at X600 magnification 2. MDL = Lower Method Detection Limit 3. raw ct. = raw spore count 4. Ct./m^3 = spore counts per cubic meter of air
5. The result(s) relate only to the sample(s) tested.