



RBML MICROBIOLOGY LABS

Lebanon - Chwaifat - Main Road

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Sender: Colortek /A division of KASSA group

Date: 02-03-2015

Sample received date: 02/02/2015

Initiated date: 02/02/2015

Completed date: 02/03/2015

Sample Description

- 5cm Tiles labeled Simultaneously Hygiene & C1C quantity 3 of each.
- 2 tiles 5cm labeled blank.
- Tiles were submitted by customer
- Samples are suitable for testing for resistance and growth of mold as per ASTM 3273 testing Method.

Procedure

- As per ASTM 3273 a container containing soil was seeded with fungus ATCC 6275 (Microbiologic USA supplier) and ATCC 9348 (Microbiologic USA supplier)
- Chamber was maintained at $32.5 \pm 1^{\circ}\text{C}$.
- 3 test pieces were placed in tile mesh 2cm a part from each other as per D3273 requirement humidity $95 \pm 3\%$ (Tested daily)
- Blank uncoated samples were placed in same manner to conform fungal inoculum coming from the soil.
- Samples were examed daily for humidity and temperature and weekly for fungal growth.



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No. of Cert.: L042
Testing

Report

Sample

*Hygiene:H

*CIC:C

	Week 1 Front / back	Week 2 Front / back	Week 3 Front / back	Week 4 Front / back
H1	10/10	10/10	10/10	10/10
H2	10/10	10/10	10/10	10/10
H3	10/10	10/10	10/10	10/10
C1	10/10	10/10	10/10	10/10
C2	10/10	10/10	10/10	10/10
C3	10/10	10/10	10/10	10/10

Untreated Blank Samples

* R.Humidity:Relative Humidity

	Week 1 Front / back	Week 2 Front / back	Week 3 Front / back	Week 4 Front / back
H.Blank	9/9	5/3	2/2	0/0
C.Blank	9/9	5/4	3/2	0/0
Temp 32.5 ± 1C	31.7	31.9	31.8	31.9
R.Humidity 95± 3%	95.2	94	95	94.8

Test Result

- After 4 weeks of incubation there results are recorded as follows.
- The control blank uncoated pieces confirmed the validity of test and growth is reported as follows

Normal Value

Rating	Definition
10	Not Detected
9	90% clear
8	80% clear
7	70% clear
6	60% clear
5	50% clear
4	40% clear
3	30% clear
2	20% clear
1	10% clear
0	0% clear

RBML Microbiology
lab
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