

TEST REPORT

153194

Issued to:
CRESTKING Retails Pvt. Ltd
 214-A, B-Block, Panki, Kanpur-208020, Uttar Pradesh

Reg. No.: FRAC/F/2008120101
 Your Ref. No.: Not Specified
 Letter Dated: Not Specified

Kind Attn: Ms. Navneet Pal

Date of Issue: 24.09.2020
 Date of Sample Recd.: 12.08.2020
 Date of Sampling: Not Applicable
 Sample Condition: Good
 Sample Packaging: Not Applicable
 Date of Sample Booking: 12.08.2020
 Date of Start of Analysis: 13.08.2020
 Date of Completion: 23.09.2020

Sample Description:
 Space Sanitizer


Batch No.: Not Specified
 Mfd. Date: Not Specified
 Exp. Date: Not Specified
 Sample Quantity: 1 unit

Contact time: 15 minutes, 1 hours, 2 hours, 3 hours, 5 hours

TEST RESULTS

Name of Microorganisms	Antimicrobial Activity					Test Method
	Spiking Range (Before) Cfu/Plate	After 15 Min.		After 1 hrs.		
		Cfu/Plate	% reduction	Cfu/Plate	% reduction	
<i>Staphylococcus aureus</i>	289	232	19.72	180	37.72	FRAC/SOP/MICRO/046
<i>candida albicans</i>	260	223	14.23	192	26.15	FRAC/SOP/MICRO/046
<i>Spore</i>	180	103	42.78	93	48.33	FRAC/SOP/MICRO/046

Name of Microorganisms	Antimicrobial Activity						Test Method
	After 2 hrs.		After 3 hrs.		After 5 hrs.		
	Cfu/Plate	% reduction	Cfu/Plate	% reduction	Cfu/Plate	% reduction	
<i>Staphylococcus aureus</i>	102	64.71	96	66.78	85	77.51	FRAC/SOP/MICRO/046
<i>candida albicans</i>	105	59.62	94	63.85	70	73.08	FRAC/SOP/MICRO/046
<i>Spore</i>	86	52.22	78	56.67	64	64.44	FRAC/SOP/MICRO/046


Authorised Signatory
 Devender Kumar
 Authorised Signatory
 Ficci Research & Analysis Centre
 Dwarka, New Delhi-110077

- Note:
1. Sample(s) not drawn by FICCI Research & Analysis Centre, unless specified.
 2. The result listed refers only to tested sample(s) and applicable parameters. Endorsement of product is neither inferred nor implied.
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Space Sanitizer Efficacy Check Ambient Air Quality (Indoor)					
Parameter	Duration (min)	Result (Blank Room)	Result (With Space Sanitizer)	Efficacy	Test Method
RSPM	15	266.67	66.67	75.00	FRAC/SOP/ENVR/018
RSPM	60	200.00	41.67	79.17	FRAC/SOP/ENVR/018
RSPM	120	145.83	20.83	85.71	FRAC/SOP/ENVR/018
RSPM	180	86.11	5.56	93.55	FRAC/SOP/ENVR/018
RSPM	300	3.33	0.00	100.00	FRAC/SOP/ENVR/018


Smoke test (Indoor) With Space Sanitizer			
Smoke create on chamber			
Parameter	Duration (min)	Observation	Test Method
Smoke	15	Visible	Physical
Smoke	60	clear	Physical
Smoke	120	clear	Physical
Smoke	180	clear	Physical
Smoke	300	clear	Physical

Spike test	Parameter	Duration (min)	Result (ug/m ³)	Test Method
5 ppm	Benzene	15	ND(1.0)	IS 5182 (part-11)
5 ppm	Benzene	60	ND(1.0)	IS 5182 (part-11)
5 ppm	Benzene	120	ND(1.0)	IS 5182 (part-11)
5 ppm	Benzene	180	ND(1.0)	IS 5182 (part-11)
5 ppm	Benzene	300	ND(1.0)	IS 5182 (part-11)

Ion test (Indoor) With Space Sanitizer			
S. No.	Parameter	Result (ions/cm ³)	Test Method
1	Ion test	> 1.999*10 ⁷	by Air Ion Counter

Remarks: Customer asked for above tested parameters only.

This Test report supersedes original test report no 153138-39-Dated 23.09.2020


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