



Analyzing for an Assured
Future

NOIDA TESTING LABORATORIES

(An ISO : 9001 : 2015, ISO 14001:2015 & ISO 45001:2018 & NABL Accredited Laboratory)

MoEF & CC (Ministry of Environment, Forest & Climate Change), UPPCB & HSPCB Recognized Laboratory

+91-9313611642, 8510081921, 7503031145, 8527870572, 7503031146, 9999794369

TEST CERTIFICATE

Test Report of	Report Code	Date of Issue
Handp Sanitizer	MS-010620-015	05/06/2020

Issued To: M/s. J.S. Chemical Industries
19 – A, Sanjay Colon, Sector – 22, Faridabad, Haryana

SAMPLING & ANALYSIS DATA

Sample Received On : 01/06/2020
Sample Drawn By : NTL
Sample Description : Hand Sanitizer
Analysis Duration : 01/06/2020 to 05/06/2020

TEST RESULTS (Chemical Parameters)					
S. No	Parameter	Test Method	Results	Units	Limit of Detection
1.	Ethanol	GC- FID	80.20	%	5.0

Notes:

1. The results given above are related to the tested sample, as received & mentioned parameters. The customer asked for the above tests only.
2. Responsibility of the Laboratory is limited to the invoiced amount only.
3. This test report will not be generated again, either wholly or in part, without prior written permission of the laboratory.
4. This test report will not be used for any publicity/legal purpose.
5. The test samples will be disposed off after two weeks from the date of issue of test report, unless until specified by the customer.


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TEST RESULTS (Biological Parameters)

Sample Identification	Test Organism	No. of Bacteria per sample (CFU/sample)		Percentage Reduction of Bacterial (R) %
		Inoculated treated sample at 0 Second (B)	Inoculated treated sample at 20 Second (A)	
IFS-200418002	<i>Candida albicans</i>	192 x 10 ³	21	99.99
	<i>Aspergillus niger</i>	181 x 10 ³	11	99.90
	<i>E. Coli</i>	76 x 10 ⁴	8	99.99
	<i>Enterococcus</i>	53 x 10 ⁴	14	99.60
	<i>Staphylococcus aureus</i>	71 x 10 ⁴	32	99.80
	<i>Pseudomonas</i>	85 x 10 ⁴	23 x 10 ¹	99.90

Results: Hand Sanitizer in contact with fungal suspension on shaker for 20 sec shows –

*Remark- CFU- Colony Forming Unit= No. of Microorganisms, Percentage Reduction of Microorganism (R)

Interpretation- Below the interpretation is for sample showing antimicrobial activity towards E.coli, Enterococcus, Staphylococcus aureus, Pseudomonas, Candida albicans respectively when tested according to EN-13697:2015 Method. Hand Sanitizer as IFS-200418002 has shown 99.99 % and 99.99 %, 99.99 %, 99.99 %, 99.99 %, 99.99 %.

Notes: The above results pertain only to the sample tested and applicable parameter.

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