

LAB GUARDIAN

BIO-CHEMICAL PROPERTY	STANDARD	UNIT	REQUIREMENT	TEST RESULT
Antiviral Efficacy & Activity	ISO 21702-2019	% Reduction in 10 minutes % Reduction in 30 minutes	No Requirement No Requirement	90.0% (Min.) 99.0% (Min.)
Virus tested		SARS CoV-2		
Antibacterial Efficacy & Activity	ISO 21702-2019	% Reduction in 2 hours % Reduction in 24 hours	No Requirement 95.0 (Min.)	90% (Min.) 99.9% (Min.)
Virus tested		Activity after 24 hours	2.0 (Min .)	Exceeds
		MS2 Bacteriophage		
Antibacterial Efficacy & Activity	JIS 2801-2012	% Reduction in 24 hours Activity after 24 hours	95.0 minimum 2.0 (Min.)	99.99 Exceeds
Bacteria tested		1. Pseudomonas Aeruginosa, 2. Enterococcus Faecalis, 3. Candida Albicans, 4. Pseudomonas Aeruginosa, 5. Escherichia Coli, 6. Klebsiella Pneumoniae, 7. MRSA (Methicillin Resistant Staphylococcus Aureus), 8. Salmonella Enterica		
Antifungal Efficacy	ASTM G-21-2015	Growth after 28 days	Rating 1	Rating 0 (No Growth)
Fungus tested		1. Aspergillus niger, 2. Penicillium funiculosum, 3. Gliocladium virens, 4. Chaetobium globosum, 5. Aurobasidium pullulans		

General purpose chemicals	Biomedical reagents	Biological spills and wastes	Petrochemical products	Food items and edible oils	All beverages	Dairy products
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Note: Whereas Greenlam products are manufactured thoroughly to standards, the nature of the application procedure is beyond our control. The values given above are to the best of knowledge but without liability/warranty, expressed or implied.

Greenlam LabGuardian Chemical Spot Test – Test Protocol: SEFA PL 2010-Clause 8.1

S.NO.	CHEMICAL	TEST METHOD	RATINGS	TYPICAL VALUES – LABGUARDIAN
1	Acetate, Amyl	A	0-1	0
2	Acetate, Ethyl	A	0-2	0
3	Acetic Acid 98%	B	0-3	0
4	Acetone	A	0-1	0
5	Acid Dichromate 5%	B	0-1	0
6	Alcohol, Butyl	A	0-1	0
7	Alcohol, Ethyl	A	0	0
8	Alcohol, Methyl	A	0-1	0
9	Ammonium Hydroxide 28%	B	0	0
10	Benzene	A	0-2	0
11	Carbon Tetrachloride	A	0-1	0
12	Chloroform	A	0-2	0
13	Chromic Acid 60%	B	0-2	0
14	Cresol	A	0-2	0
15	Dichloroacetic Acid	A	0-3	0
16	Dimethylformamide	A	0-2	0
17	Dioxane	A	0-2	0
18	Ethyl Ether	A	0-1	0
19	Formaldehyde 37%	A	0-1	0
20	Formic Acid 90%	B	0-3	0
21	Furfural	A	0-3	0
22	Gasoline	A	0	0
23	Hydrofluoric Acid 37%	B	0-2	0
24	Hydrofluoric Acid 48%	B	0-3	0
25	Hydrogen Peroxide 30%	B	0-1	0
26	Iodine, Tincture of	B	0-2	2
27	Methyl Ethyl Ketone	A	0-2	0
28	Methylene Chloride	A	0-2	0
29	Monochlorobenzene	A	0-2	0
30	Naphthalene	A	0-1	0
31	Nitric Acid 20%	B	0-1	0
32	Nitric Acid 30%	B	0-1	0
33	Nitric Acid 70%	B	0-3	0
34	Phenol 90%	A	0-2	0
35	Phosphoric Acid 85%	B	0-1	0
36	Silver Nitrate, Saturated	B	0	0
37	Sodium Hydroxide 10%	B	0	0
38	Sodium Hydroxide 20%	B	0	0
39	Sodium Hydroxide 40%	B	0-1	0
40	Sodium Hydroxide, Flake	B	0	0
41	Sodium Sulfide, Saturated	B	0	0
42	Sulfuric Acid 33%	B	0	0
43	Sulfuric Acid 77%	B	0	0
44	Sulfuric Acid 96%	B	02-03	2
45	Sulfuric Acid 77%, and Nitric Acid 70%, equal parts	B	02-03	1
46	Toluene	A	0-1	0
47	Trichloroethylene	A	0-1	0
48	Xylene	A	0-1	0
49	Zinc Chloride, Saturated	B	0	0