



Mechem

Eurofins Mechem Pte. Ltd.

No. 127 Woodlands Industrial Park E5 Woodlands e-Terrace Singapore 757500

Telephone: 6453 6038, 6455 3548 Fax: 6458 4543

(GST/Business Reg. No. 199706019W)

TEST REPORT

OUR REF. NO.: MW00286-17/02/20

DATE: 21/02/20

DATE SAMPLE RECEIVED : 17/02/20

DATE OF TESTING : 20/02/20-21/02/20

ON ANALYSIS, THE FOLLOWING RESULTS WERE OBTAINED:

1) TEST MICROORGANISM USED: *Staphylococcus aureus* ATCC 6538

Contact Time (minutes)	Starting Concentration		Final Concentration CFU per ml (Plate Count)	Log ₁₀ Reduction Achieved	Percentage Kill of Test Microorganism
	CFU per ml	Log ₁₀			
5	2.5 x 10 ⁷	7.40	30 , 23	7.40	99.999

THE REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL, WITHOUT THE WRITTEN APPROVAL OF THE LABORATORY. THIS REPORT MUST NOT BE USED FOR ANY ADVERTISING PURPOSES.

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 2) TEST MICROORGANISM USED: *Pseudomonas aeruginosa* ATCC 10145

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Contact Time (minutes)	Starting Concentration		Final Concentration CFU per ml (Plate Count)	Log ₁₀ Reduction Achieved	Percentage Kill of Test Microorganism
	CFU per ml	Log ₁₀			
5	1.3 x 10 ⁷	7.11	5, 7	7.11	99.999

 3) TEST MICROORGANISM USED: *Escherichia coli* ATCC 8739

Contact Time (minutes)	Starting Concentration		Final Concentration CFU per ml (Plate Count)	Log ₁₀ Reduction Achieved	Percentage Kill of Test Microorganism
	CFU per ml	Log ₁₀			
5	3.5 x 10 ⁷	7.54	75, 71	7.54	99.999

 4) TEST MICROORGANISM USED: *Bacillus cereus* ATCC 11778

Contact Time (minutes)	Starting Concentration		Final Concentration CFU per ml (Plate Count)	Log ₁₀ Reduction Achieved	Percentage Kill of Test Microorganism
	CFU per ml	Log ₁₀			
5	1.6 x 10 ⁷	7.20	9, 5	7.20	99.999

REMARKS:

THE SAMPLE IS TESTED AS PER RECEIVED.



SEE HOON HOON
LABORATORY MANAGER
(MICROBIOLOGY)



CERTIFICATE OF ANALYSIS

Product: AvoClean Hand Sanitizer Gel

Date Manufactured: 03 APRIL 2020

Batch No.: 03042020-01

Date Analysis: 05 APRIL 2020

Description	Specification	Test Method	Results
PHYSICAL PROPERTIES			
Appearance: Physical State	Gel	Visual	Gel
Appearance: Colour	Clear	Contents	70% IPA
Specific Gravity	0.850 - 0.87	* Hydrometer @28.9 ^o C	0.880

Address: 12/1-3 Aboukir Street Rockdale NSW 2216 AUSTRALIA
• E: info@avocadoengineering.com • T: +614 22088578
• ACN 155 713 885 • ABN 17 155 713 885