

CERTIFICATE OF ANALYSIS

Work Order	: FM1251665	Page	: 1 of 4
Client	: THE HYGIENE SERVICES GROUP - JAYMAK AUSTRALIA PTY LTD	Laboratory	: Food/Pharmaceutical Division Melbourne
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Project	: Micro testing on D-Scaler sample	Quote number	: ----
Order number	: ----	Date Samples Received	: 10-May-2012 15:34
No. of samples received	: 1	Date Testing Commenced	: 16-May-2012 10:11
No. of samples analysed	: 1	Issue Date	: 24-May-2012 11:25

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release.

Signatories

This document has been electronically signed by the authorized signatories indicated below. Electronic signing has been carried out in compliance with procedures specified in 21 CFR Part 11.

<i>Signatories</i>	<i>Position</i>	<i>Accreditation Category</i>
Jennifer Matthews	Microbiology Team Leader	Microbiology



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Project : Micro testing on D-Scaler sample



General Comments

- Analysis was performed on sample as received.
 - No Growth was observed for media only and media plus disinfectant.
 - Sample test dilution: 1mL of sample per 3 mL of water
 - The sample identified as "D-Scaler" demonstrated acceptable disinfectant efficacy activity based on the evaluation set out in TGO 54 - TGA Disinfectant Efficacy: Test Option A, Clean Conditions.
 - Where CFU = colony forming units.
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Analytical Results

Reporting Category: PHARMACEUTICAL

Client sample ID

D - Scaler

Client sampling date/time

[10-May-2012]

Method and Test Parameter	Unit	FM1251665-001	----	----
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TGO54 - Disinfectant Efficacy - Test 1

Pseudomonas aeruginosa NCTC 6749 - Test 1 (8 minutes)	--	5/5 No Growth	----	----
Pseudomonas aeruginosa NCTC 6749 - Test 1 (18 minutes)	--	5/5 No Growth	----	----
Proteus vulgaris NCTC 4635 - Test 1 (8 minutes)	--	5/5 No Growth	----	----
Proteus vulgaris NCTC 4635 - Test 1 (18 minutes)	--	5/5 No Growth	----	----
Escherichia coli NCTC 8196 - Test 1 (8 minutes)	--	5/5 No Growth	----	----
Escherichia coli NCTC 8196 - Test 1 (18 minutes)	--	5/5 No Growth	----	----
Staphylococcus aureus NCTC 4163 - Test 1 (8 minutes)	--	4/5 No Growth	----	----
Staphylococcus aureus NCTC 4163 - Test 1 (18 minutes)	--	3/5 No Growth	----	----
Inoculum Pseudomonas aeruginosa NCTC 6749 - Test 1	CFU/mL	2.9x10^8	----	----
Inoculum Proteus vulgaris NCTC 4635 - Test 1	CFU/mL	3.0x10^8	----	----
Inoculum Escherichia coli NCTC 8196 - Test 1	CFU/mL	6.8x10^8	----	----
Inoculum Staphylococcus aureus NCTC 4163 - Test 1	CFU/mL	2.1x10^8	----	----

TGO54 - Disinfectant Efficacy - Test 2

Pseudomonas aeruginosa NCTC 6749 - Test 2 (8 minutes)	--	5/5 No Growth	----	----
Pseudomonas aeruginosa NCTC 6749 - Test 2 (18 minutes)	--	5/5 No Growth	----	----
Proteus vulgaris NCTC 4635 - Test 2 (8 minutes)	--	5/5 No Growth	----	----
Proteus vulgaris NCTC 4635 - Test 2 (18 minutes)	--	5/5 No Growth	----	----
Escherichia coli NCTC 8196 - Test 2 (8 minutes)	--	5/5 No Growth	----	----
Escherichia coli NCTC 8196 - Test 2 (18 minutes)	--	5/5 No Growth	----	----
Staphylococcus aureus NCTC 4163 - Test 2 (8 minutes)	--	4/5 No Growth	----	----
Staphylococcus aureus NCTC 4163 - Test 2 (18 minutes)	--	4/5 No Growth	----	----



Analytical Results

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[10-May-2012]

Method and Test Parameter	Unit	FM1251665-001	----	----
TGO54 - Disinfectant Efficacy - Test 2 - Continued				
Inoculum Pseudomonas aeruginosa NCTC 6749 - Test 2	CFU/mL	2.6x10 ⁸	----	----
Inoculum Proteus vulgaris NCTC 4635 - Test 2	CFU/mL	3.7x10 ⁸	----	----
Inoculum Escherichia coli NCTC 8196 - Test 2	CFU/mL	6.0x10 ⁸	----	----
Inoculum Staphylococcus aureus NCTC 4163 - Test 2	CFU/mL	3.7x10 ⁸	----	----
TGO54 - Disinfectant Efficacy - Test 3				
Pseudomonas aeruginosa NCTC 6749 - Test 3 (8 minutes)	--	5/5 No Growth	----	----
Pseudomonas aeruginosa NCTC 6749 - Test 3 (18 minutes)	--	5/5 No Growth	----	----
Proteus vulgaris NCTC 4635 - Test 3 (8 minutes)	--	5/5 No Growth	----	----
Proteus vulgaris NCTC 4635 - Test 3 (18 minutes)	--	5/5 No Growth	----	----
Escherichia coli NCTC 8196 - Test 3 (8 minutes)	--	5/5 No Growth	----	----
Escherichia coli NCTC 8196 - Test 3 (18 minutes)	--	5/5 No Growth	----	----
Staphylococcus aureus NCTC 4163 - Test 3 (8 minutes)	--	5/5 No Growth	----	----
Staphylococcus aureus NCTC 4163 - Test 3 (18 minutes)	--	4/5 No Growth	----	----
Inoculum Pseudomonas aeruginosa NCTC 6749 - Test 3	CFU/mL	2.5x10 ⁸	----	----
Inoculum Proteus vulgaris NCTC 4635 - Test 3	CFU/mL	4.9x10 ⁸	----	----
Inoculum Escherichia coli NCTC 8196 - Test 3	CFU/mL	1.9x10 ⁹	----	----
Inoculum Staphylococcus aureus NCTC 4163 - Test 3	CFU/mL	1.5x10 ⁹	----	----