

EML Ref No: 159513

Report Date: 15 July 2005

Hy.Giene Australia Pty Ltd
Factory 8, 16 Macquaries Place
BORONIA VIC 3175

Attention: Mr Peter Harman

Certificate of Analysis

A sample marked **Spa.Giene** was received at the laboratory on 28 June, 2005, and tested on 6 July 2005.

The test parameters were as follows:

Product Description:	Spa Giene, Sterile Water, Clean conditions
Test dilution:	1:10
Inactivator:	Tryptone Soya Broth with Tween & Lecithin
Test temperature:	22°C
Organic soil:	Not incorporated
Test organism:	<i>Staphylococcus aureus</i> ATCC 6538 <i>E.coli</i> ATCC 8739 <i>Pseudomonas aeruginosa</i> NCTC 10332 <i>Salmonella Salford</i> IMVS 1710
Contact time:	5 minutes
Test Method:	BS 3286 Challenge Test, EML Method 3.31.5

Results

EML Sample No	Test Organism	Contact Time (Minutes)	Initial cfu/mL of Reaction Mixture	Initial Log ₁₀	cfu/mL of Reaction Mixture at recovery times		Log Reduction
					After contact time	Log ₁₀	
159513	<i>Ps aeruginosa</i>	5	8.2×10^5	5.91	<10	<1	4.91
	<i>S.aureus</i>	5	1.8×10^5	4.25	<10	<1	4.25
	<i>E.coli</i>	5	1.0×10^5	5.0	<10	<1	4.0
	<i>Salmonella Salford</i>	5	4.9×10^5	5.70	<10	<1	4.70

~ = approximately < = less than > = greater than

For a satisfactory Biostatic performance the product must reduce the organisms by at least a 4 Log₁₀.
Validation conformed to the requirements of the test.Yours faithfully
EML CONSULTING SERVICES PTY LTD**Carmen Gurney, B.Sc MASM AAFST**
Microbiologist