



New Zealand Laboratory Services Limited
Part of the Bureau Veritas Group
P.O. Box 12-545
Penrose, Auckland
New Zealand
Phone 64 9 579-2669
Fax 64 9 579-9044
E-mail auckland@nzlabs.co.nz

MICROBIAL CHALLENGE TEST FOR LIQUID COLLOIDAL SILVER

Client	Zealand Health Manufacturing	Testing Facility	New Zealand Laboratory Services Limited
Address:	Unit 21/61 Maleme Street Tauranga New Zealand	Address:	35 O'Rorke Road PO Box 12545 Penrose Auckland New Zealand
Contact:	Ginna Christensen		

PRODUCT NAME: Liquid Colloidal Silver
PRODUCT BATCH NUMBERS: Ephram Health Colloidal Silver – BB 07 10
New Zealand Pure Colloidal Silver – BB 2011
DATE OF ISSUE: 25 July, 2009
CURRENT JOB NUMBER: 09NR021156

Authorised By: Matthew Hardinge
Senior Supervisor – Pharmaceutical
Microbiological Services

Authorising Signature:
Authorising Signature:

Authorised By: Wendy Wakefield
Team Leader – Pharmaceutical Microbiological
Services

Authorising Signature:
Authorising Signature:

This report must not be altered, or reproduced except in full.

MICROBIAL CHALLENGE TEST FOR LIQUID COLLOIDAL SILVER



Auckland - Hamilton - Hastings - Christchurch - Dunedin

Accession Number:	09N046366	Product Name:	Ephram Health	Batch Number:	N/A	Best Before Date	07 10
-------------------	-----------	---------------	---------------	---------------	-----	------------------	-------

Organism	ATCC Number	Inoculum Level	Recovery Level (cfu/ml)				Log Reduction							
			0 hour	1 hour	2 hours	3 hours	4 hours	0 hour	1 hour	2 hours	3 hours	4 hours		
<i>Staphylococcus aureus</i>	6538	9.9 x 10 ⁵	NR	NR	NR	NR	NR	NR	NR	6.0	6.0	6.0	6.0	6.0

Notes:	
Method	British Pharmacopoeia 2009 (modified)
Cultures	Maintained in accordance with the recommendations of the Curator of the Culture Collections Centre NZ Communicable Disease Centre and New Zealand Laboratory Services quality control systems.
Validation performed	No
Key:	
<	Less than
ATCC	American Type Culture Collection
NR	No Recovery

