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TEST REPORT

Attention: MARIA BANDA	Lab number	476737C
BLENDWELL CHEMICALS PTY LTD	Order reference	Q2518
35 RICHARDS PARK	Sample Date	06/02/2018
RICHARDS DRIVE	Submit Date	12/02/2018
MIDRAND	Report Date	22/03/2018

SANS51276: Bactericidal activity of chemical disinfectants and antiseptics.

Specific claims for efficacy against *Salmonella spp.* and *Listeria spp.*

Product information:	
Product name:	ENVIRO DISINFECTANT
Batch number:	Not supplied
Expiry Date:	Not supplied
Date received:	13-Feb-18
Storage conditions:	Not supplied
Recommended Diluent:	Water
Active substances:	Organic acid based
Appearance:	Clear homogenous pink liquid

Test conditions:	
Date of test:	12/03/2018
Diluent used:	Sterile Standard Hard water
Test Concentration:	1:50 ; 1:100 ; 1:200
Appearance of dilution:	Homogenous suspension
Contact Time:	5 Minutes (Bacteria)
Test Temperature:	20°C
Interfering substance:	0.3g/L Serum Albumin
Solution appearance during test:	Homogenous suspension
Rinsing Liquid:	Sterile distilled water
Bacterial strains used:	<i>Salmonella Typhimurium</i> ; <i>Listeria monocytogenes</i>

TEST REPORT

ENVIRO DISINFECTANT complied with the minimum requirements stipulated by SANS51276 for use under simulated clean conditions.

The product effectively eliminated >99.999% (>5 Log) viable *Salmonella* and *Listeria* under the test conditions at dilution of 1:50, 1:100 and 1:200.



Johan Jacobs
Laboratory Services Manager - Hygiene Services

TEST RESULTS: FOR 1:200 DILUTION

Test Organism:	<i>Listeria monocytogenes</i>
Initial bacterial load (cfu/ml):	1.23 X 10 ⁸
Contact Time:	5 Minutes
Final Bacterial Load (cfu/ml)	0
% Kill rate	>99.999%
Log reduction	8.09
Compliance with requirement	Pass

Test Organism:	<i>Salmonella Typhimurium</i>
Initial bacterial load (cfu/ml):	2.03 X 10 ⁷
Contact Time:	5 Minutes
Final Bacterial Load (cfu/ml)	0
% Kill rate	>99.999%
Log reduction	8.26
Compliance with requirement	Pass

TEST RESULTS: FOR 1:100 DILUTION

Test Organism:	<i>Listeria monocytogenes</i>
Initial bacterial load (cfu/ml):	1.23 X 10 ⁸
Contact Time:	5 Minutes
Final Bacterial Load (cfu/ml)	0
% Kill rate	>99.999%
Log reduction	8.09
Compliance with requirement	Pass

Test Organism:	<i>Salmonella Typhimurium</i>
Initial bacterial load (cfu/ml):	2.03 X 10 ⁷
Contact Time:	5 Minutes
Final Bacterial Load (cfu/ml)	0
% Kill rate	>99.999%
Log reduction	8.26
Compliance with requirement	Pass

TEST RESULTS: FOR 1:50 DILUTION

Test Organism:	<i>Listeria monocytogenes</i>
Initial bacterial load (cfu/ml):	1.23 X 10 ⁸
Contact Time:	5 Minutes
Final Bacterial Load (cfu/ml)	0
% Kill rate	>99.999%
Log reduction	8.09
Compliance with requirement	Pass

Test Organism:	<i>Salmonella Typhimurium</i>
Initial bacterial load (cfu/ml):	2.03 X 10 ⁷
Contact Time:	5 Minutes
Final Bacterial Load (cfu/ml)	0
% Kill rate	>99.999%
Log reduction	8.26
Compliance with requirement	Pass

END OF REPORT