

Our Ref: [REDACTED]

o Mérieux

NutriSciences

5 December 2024

Pikua Rense Pty Ltd

[REDACTED]
[REDACTED]

ATTENTION: Christopher Tidswell

Received Date	[REDACTED]
Temp Rec'd CC)	20.0
Date Started	[REDACTED]
Result Date	[REDACTED]

RE: ANTIBACTERIAL EVALUATION OF PIKUA RENSE DANKA RANGE

Dear Christopher,

A sample marked 'Pikua Rense Danka Range' was evaluated in accordance with the principles outlined in EN 1276 — Chemical Disinfectants and Antiseptics — Quantitative Suspension Test for the Evaluation of Bactericidal Activity of Chemical Disinfectants and Antiseptics used in Food, Industrial, Domestic, and Institutional Areas, under the following test conditions.

Test Conditions	
Product Concentration	1 oog per 20L Sterile Hard Water
Contact Time	5 Minutes, 12 Hours, 24 Hours
Organic Challenge	Clean (0.03% Bovine Serum Albumin)
Temperature	Room Temperature
Validated Neutraliser	T5 1:10
Test Organisms	Listeria monocytogenes BTF 161

Validation Results

Organism	Validation Suspension Count CFU	Experimental Conditions Control Count CFU	Neutraliser Control Count (B) CFU	Method Validation Count (C) CFU	Pass/Fail
Listeria monocytogenes BTF 161	34	23	25	23	Pass

Note: to pass validation, A, B, and C must achieve 0.5 x NV

Test Results

Organism	Inoculum Control Count CFU/ ml, (Log10)	Survival Test Organism		
		CFU/mL (Log10)	Log Reduction	Percentage Reduction %
5 Minute Contact Time				
Listeria monocytogenes BTF 161	2.36 x 10 ⁷ (7.37)	x 10 ¹ (<1.00)	>6.37	99.999
12 Hours Contact Time				
Listeria monocytogenes BTF 161	2.36 x 10 ⁷ (7.37)	x 10 ¹ (<1.00)	>6.37	99.999
24 Hours Contact Time				
Listeria monocytogenes BTF 161	2.36 x 10 ⁷ (7.37)	<1 x 10 ¹ (<1.00)	>6.37	99.999

Notes: 1. '<' indicates less than.

2. '>' indicates greater than.

3. CFU — Colony Forming Unit

4. T5 is Tryptone Soya Broth with 5% Tween 80, 0.5% Lecithin, and 1% Nutrient Liver Digest.

Summary

The product achieved greater than 5 log reduction against L. monocytogenes, when tested under the conditions described above.

Yours faithfully,



Imtiaz Ahmed

Scientific Services Manager

TGA Licence No MI-04072005-L1-000664-2

The data pertains solely to the analytical and sampling procedure(s) used and the condition and homogeneity of the sample(s) as received. The data therefore may not be representative of the lot or batch or other samples. Consequently the data may not necessarily justify the acceptance or rejection of a lot or batch, a product recall or support legal proceedings. It is the responsibility of the client to provide all information relevant to the analysis requested. This report does not imply that Siliker Australia Pty Ltd has been engaged to consult upon the consequences of the analysis and for any action that should be taken as a result of the analysis. This method has been modified such that testing was conducted only at the client specified active concentration.