

Our Ref: 452268645A an
Purchase Order: P47526

6th November 2013

Dominant Australia
P O Box 306
WELLAND SA 5007

ATTENTION: CORINA JAVIER

Dear Madam,

RE: ANTIBACTERIAL EVALUATION OF HYPERSAN

A sample marked 'Hypersan (50588)' was evaluated in accordance with the principles outlined in BS EN 1276:1997 under the following test conditions.

Product Concentration: 1:500 v/v
Contact Time: 10 mins
Organic Challenge: 0.03% Bovine Albumen (clean conditions)
Temperature: 20°C
Test Organisms: *Escherichia coli* ATCC 8739
Salmonella choleraesuis ATCC 10708
Listeria monocytogenes NCTC 11994

Results

Organism	Initial Count per mL	Final Count per mL 10 mins	Log Reduction 10 mins
<i>Escherichia coli</i>	3.8×10^7	<10	>5.0
<i>Salmonella choleraesuis</i>	1.0×10^7	<10	>5.0
<i>Listeria monocytogenes</i>	3.8×10^7	<10	>5.0

Notes: 1. '<' indicates Less Than. 2. '>' indicates Greater Than
3. Counts are Geometric Means of Duplicate results.

Conclusions

The product achieved a >5.0 log reduction (>99.999% Kill) against the test organisms when tested according to the above prescribed condition.

Yours faithfully,



DAVID LIM B.Sc,MASM,MAIFST
MICROBIOLOGIST

TGA Licence No. MI-09022005-LI-000428-1

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 Silliker 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.

SILLIKER AUSTRALIA PTY LTD ABN 94 006 462 335
20 King St Blackburn VIC 3130
Australia
Phone: + 61 (3) 8878 2100 / Fax + 61 (3) 9877 8444
www.silliker.com