

Certificate of Analysis



Customer: Paul Ward – J P Filpak

Product: Germ Warfare Biocidal Hand Soap

Batch: None provided

Test Date: 27 April 2007

Work Order: 818

Sample: S0704121

Quote: Q279

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Nottingham NG1 1GF

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Test Method: BS EN 1276

Organism	Validation Test				Bacterial Test Suspension (cfu/ml)	Test Procedure at Working Concentration	
	Bacterial Suspension	Experimental Conditions	Neutraliser Toxicity	Dilution Neutralisation			
MRSA ATCC 43300	V _C 88,85 N _v 865	V _C 89,85 A 870	V _C 90,87 B 885	V _C 85,89 C 870	10 ⁻⁶ 291.5 10 ⁻⁷ 26 n 2.89E+08	V _C N _a R	<1.5E+2 <1.5E+2 7.46
<i>S.poona</i> NCTC 4840	V _C 155,151 N _v 1530	V _C 149,152 A 1505	V _C 156,160 B 1580	V _C 166,159 C 1625	10 ⁻⁶ 302.5 10 ⁻⁷ 39 n 3.10E+08	V _C N _a R	<1.5E+2 <1.5E+2 7.49
<i>E. coli</i> ATCC 8739	V _C 101,98 N _v 995	V _C 97,105 A 1010	V _C 98,99 B 985	V _C 100,102 C 1010	10 ⁻⁶ 277.5 10 ⁻⁷ 38.5 n 2.87E+08	V _C N _a R	<1.5E+2 <1.5E+2 7.46
<i>L.monocytogenes</i> ATCC 35152	V _C 77,76 N _v 765	V _C 78,81 A 795	V _C 95,80 B 875	V _C 82,85 C 835	10 ⁻⁶ 263.5 10 ⁻⁷ 23.5 n 2.61E+08	V _C N _a R	<1.5E+2 <1.5E+2 7.42
<i>K.pneumoniae</i> ATCC 13883	V _C 142,139 N _v 1405	V _C 135,144 A 1395	V _C 151,149 B 1500	V _C 150,147 C 1485	10 ⁻⁶ 307 10 ⁻⁷ 39 n 3.15E+08	V _C N _a R	<1.5E+2 <1.5E+2 7.50
<i>C. difficile</i> ATCC 9689	V _C 122,124 N _v 1230	V _C 130,131 A 1305	V _C 125,119 B 1220	V _C 126,129 C 1275	10 ⁻⁶ 283 10 ⁻⁷ 37 n 2.91E+07	V _C N _a R	<1.5E+2 <1.5E+2 6.46

N = Neutralisation method V_C Viable Counts R = Log Reduction

Pass Criteria : BSEN 1276: >Log 5 (1.0 x 10⁵)

Validation Criteria: Meet the requirements of the British Standard.

Conclusion: A greater than Log 5 reduction was obtained for all organisms tested after 5 minutes contact with sample.


LARISSA TAYLOR
Technical Director

DATE: 15-May-07