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Our Ref : ACL/MIS-OTH 201007

Company : **DR. STEVE SIAW**
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Date sample received : 30 June 2020

Sample description : Received one (1) sample labelled as below:-
Fusion Resonance Nano Copper Liquid Glass

Test Method : In House Method with reference to United States Pharmacopoeia 51

Test Procedure : The Disinfectant Efficacy test is performed by introducing a range of standard challenge organism to the test product. The inoculum of organism is prepared at the range about 10^4 and the test product is coated onto inner side of petri dish lid to emits fusion resonance frequency on the microbes and analysed after specific time to determine the number of remaining viable microbes. Please note the test product do not come in contact with the microbes.

Results of Analysis:

Sample marking	Parameters / Challenged Bacteria	Contact Time	Concentration of challenged microbes (cfu/ml)	Concentration of microbes recovered (cfu/ml)	Microbial Reduction (%)
Fusion Resonance Nano Copper Liquid Glass	<i>Escherichia coli</i> ATCC 8739	5 minutes	4.3×10^4	1.2×10^3	97.21
		10 minutes	4.3×10^4	1.0×10^3	97.67
	<i>Staphylococcus aureus</i> ATCC 6538	5 minutes	4.8×10^4	1.2×10^4	75.00
		10 minutes	4.8×10^4	1.0×10^3	97.92



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