

TEST REPORT

Applicant: DRAGONCHEM LIMITED
UNIT 3 9/F TRUST CTR
912-914 CHEUNG SHA WAN RD
KLN HK

Number: HKGH02328971

Date: Aug 01, 2018

Attn: KENNETH TAM

Submitted sample said to be :
Item Name : **Bactostat PP**
Item No. : **RP1034**
Manufacturer : CVI Modern Technology Development Ltd.
Buyer : DragonChem Limited.
Country of Origin : Hong Kong.
Quantity : 15 Pieces.

Conclusion:

The submitted sample was tested under the following requirements requested by the applicant, subject to the information stated in the remark and attached page(s) for details :

<u>Requirement</u>	<u>Result</u>
(1) ISO 22196:2011 - Measurement of antibacterial activity on plastics surfaces	See details enclosed

For and on behalf of :
Intertek Testing Services HK Ltd.



Angel Y.F. Cheung
Vice President

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(1) Measurement of antibacterial activity on plastics surfaces

Test Standard : International Standard ISO 22196:2011.

Neutralizing solution: D/E neutralizing broth
 Incubation temperature: 35°C
 Incubation period: 48 hours
 Agar medium: Plate Count Agar
 Test culture: *Escherichia coli* (ATCC 8739) <concentration of inoculum: 5.2x10⁵ CFU/mL>
 Staphylococcus aureus (ATCC 6538) <concentration of inoculum: 6.6x10⁵ CFU/mL>
 Test specimen: 60 mm in diameter flat circle of submitted sample
 60 mm in diameter flat circle of untreated sample as control
 Test condition: 0.4 mL bacterial inoculum was added onto surface of the test specimen sample

Result :

Test microorganism	U _o	U _t	A _t	R	% R
<i>Escherichia coli</i>	4.1	2.0	0.4	1.6	97.5
<i>Staphylococcus aureus</i>	4.1	4.9	3.4	1.5	96.8

Remark : U_o = Log (bacteria recovered from untreated specimen in CFU/cm²) immediately after inoculation
 U_t = Log (bacteria recovered from untreated specimen in CFU/cm²) after 24 hours incubation
 A_t = Log (bacteria recovered from treated specimen in CFU/cm²) after 24 hours incubation
 R = Log reduction value (U_t - A_t)

Sample received condition: Sample in closed plastic bag.

Date sample received : Jul 16, 2018
 Testing period : Jul 16, 2018 to Jul 25, 2018

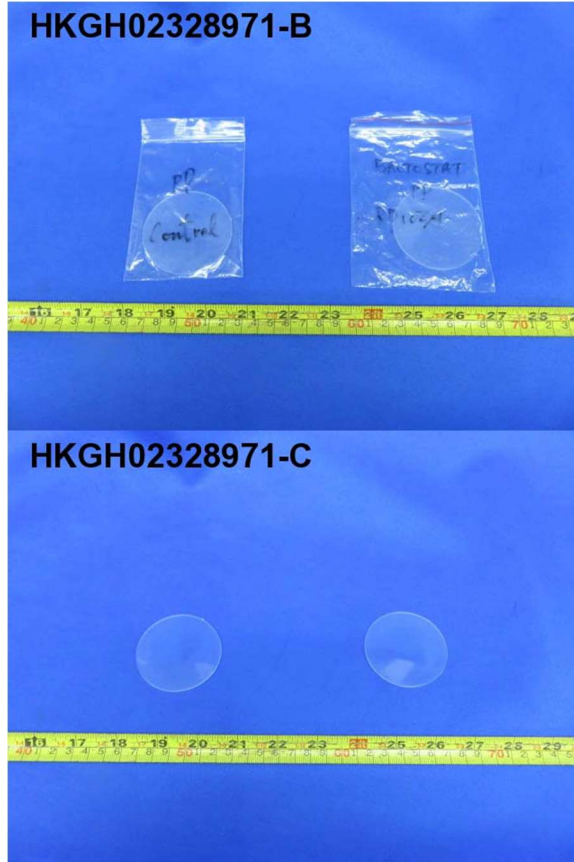
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End of report

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