



Test Report

No.T32120270158TY-01

Date: Jun 25, 2021

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DRAGONCHEM LTD
UNIT 3, 9/F., TRUST CENTER, 912 - 914 CHEUNG SHA WAN ROAD, KOWLOON, HONG KONG

This report supersedes all previous documents bearing the test report number T32120270158TY with amendment on product information as requested by client.

The following samples were submitted and identified by/on behalf of the client as:
BACTOSTAT TPE RESIN

Case No. : CA321202706539
Style/Item No. : TE-1210K
Ref. No. : 3068160
Buyer : VICTAMAX LLC
Sample Receiving Date : JUN 04, 2021
Testing Period : JUN 04, 2021 – JUN 16, 2021

Conditions of Sample(s) Received : Sample was in unopened plastic bag and was delivered under ambient temperature.
Test Requested : Test for antimicrobial activity and efficacy (E. coli and S. aureus) with reference to JIS Z 2801 : 2010 of the submitted samples.
Test Method : Antimicrobial Products - Test for antimicrobial activity (E. coli and S. aureus) was conducted with reference to JIS Z 2801 : 2010 Plastics – Measurement of antibacterial activity on plastics surfaces and other non-porous surfaces.
Test Result : Please refer to the next page

Signed for and on behalf of
SGS Hong Kong Ltd.

Wong Sau Wai, Athena
Senior Technical Executive

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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Test Results:

Organisms ATCC 6538 Staphylococcus aureus	Bactostat TPE Resin cfu/ cm ²	Organisms ATCC 8739 Escherichia coli	Bactostat TPE Resin cfu/ cm ²
(A) Untreated*, 0h	1.4 x 10 ⁵	(A) Untreated*, 0h	2.2 x 10 ⁵
Logged mean	5.15	Logged mean	5.34
(B) Untreated*, 24h	9.7 x 10 ⁴	(B) Untreated*, 24h	5.3 x 10 ⁵
Logged mean	4.99	Logged mean	5.73
(C) Treated 24h	2.2 x 10 ³	(C) Treated 24h	1.5
Logged mean	3.34	Logged mean	3.16
Log B – Log C	1.65	Log B – Log C	2.57

Note: cfu = colony forming unit; < = Less than; Log = Logarithm

Comment:

When tested as specified, the submitted sample provides effective antibacterial activity for Escherichia coli and Staphylococcus aureus.

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Sample Photo:



SGS authenticate the photo on original report only

*** End of Report ***

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