



# Test Report

No.T32020240663TC

Date: APR 27, 2020

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DRAGONCHEM LIMITED  
UNIT 03, 9/F., TRUST CENTER, 912 - 914 CHEUNG SHA WAN ROAD,  
KOWLOON, HONG KONG

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

Style /Item No. : RP1034  
P.O./ Ref. No. : CU204171  
Supplier : CVI  
Manufacturer : THE HONG KONG POLYMER SCIENCE LTD  
Country of Origin : HONG KONG  
Sample Receiving Date : APR 16, 2020  
Testing Period : APR 16, 2020 TO APR 27, 2020

Test Requested	Conclusion
<b>US FDA 21 CFR 177.1520 (Olefin Polymers)</b>	--
<b>1) Polypropylene copolymer</b>	--
a) Density	PASS
b) Extractable fraction	PASS
c) Soluble fraction	PASS

\*\*\*\*\* FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) \*\*\*\*\*

Signed for and on behalf of  
SGS Hong Kong Ltd.

\_\_\_\_\_  
To Man Wah, Po  
Technical Manager

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**Test Results:**

**US FDA 21 CFR 177.1520 (Olefin Polymers)**

**1) Polypropylene copolymer**

a) Density

Method : With reference to 21 CFR 177.1520 d(1) or ASTM D792:2008, determined at 23°C.

Test Item	Result (g/mL)	Permissible Limit (g/mL)
	1	
Density at 23°C	0.910	0.85 – 1.00
<b>Comment</b>	PASS	--

Sample Description :

1. Semi-Transparent Plastic (Granule)

Note : g/mL = gram per milliliter

b) Extractable fraction

Method : With reference to 21 CFR 177.1520 (d)(3)(ii). Sample preparation in n-hexane at 50°C for 2 hours.

Test Item	Result (% w/w)	Reporting Limit (% w/w)	Permissible Limit (% w/w)
	1		
Extractable fraction	0.7	0.1	5.5
<b>Comment</b>	PASS	--	--

Sample Description :

1. Semi-Transparent Plastic (Granule)

Note : 1. % w/w = percentage of weight by weight

2. ND = Not Detected

3. °C = degree Celsius

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c) Soluble fraction

Method : With reference to 21 CFR 177.1520 (d)(4)(ii). Sample preparation in xylene at 25°C.

Test Item	Result (% w/w)	Reporting Limit (% w/w)	Permissible Limit (% w/w)
	1		
Soluble fraction	4.7	0.1	30.0
<b>Comment</b>	PASS	--	--

Sample Description :

1. Semi-Transparent Plastic (Granule)

Note : 1. % w/w = percentage of weight by weight

2. ND = Not Detected

3. °C = degree Celsius

**Sample Photo:**



SGS authenticate the photo on original report only

\*\*\* End of Report \*\*\*

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