

Test Report

No. CANAF1826485601

Date: 27 Dec 2018

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Xiamen Bioleader Environmental Protection Technology Co., Ltd
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The following sample(s) was/were submitted and identified on behalf of the clients as : spoon

SGS Job No. : GZAFF1812022696P(XMAFF181203148) - GZ

Date of Sample Received : 20 Dec 2018

Testing Period : 20 Dec 2018 - 27 Dec 2018

Test Requested : Selected test(s) as requested by client.

Test Method : Please refer to next page(s).

Test Results : Please refer to next page(s).

Result Summary :

Test Requested	Conclusion
FDA 21 CFR 177.1520-Maximum extractable fraction in n-Hexane	PASS
FDA 21 CFR 177.1520-Maximum soluble fraction in xylene	PASS
FDA 21 CFR 177.1520-Density at 23°C	See Results
FDA 21 CFR 177.1520-Melting Point	PASS

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Ivy Ren
Approved Signatory



SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch Testing Center Chemical Laboratory

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Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	CAN18-264856.001	Offwhite plastic spoon	PP

FDA 21 CFR 177.1520-Maximum extractable fraction in n-Hexane

Test Method : With reference to US FDA 21 CFR 177.1520 d(3)(i).

Simulant Used	Time	Temperature	Max. Permissible Limit	Result of 001	Comment
n-Hexane	2hr(s)	Reflux temperature	6.4%(w/w)	1.5%(w/w)	PASS

Notes :

%w/w = percentage of weight by weight

FDA 21 CFR 177.1520-Maximum soluble fraction in xylene

Test Method : With reference to US FDA 21 CFR 177.1520 d(4)(i).

Test Item(s)	Limit	Unit	MDL	001
Soluble fraction in Xylene	9.8	%(w/w)	0.5	6.1
Comment				PASS

Notes :

%w/w = percentage of weight by weight

FDA 21 CFR 177.1520-Density at 23°C

Test Method : With reference to US FDA 21 CFR 177.1520 d(1).

Test Item(s)	Limit	001
Density at 23°C, g/ cm ³	0.880-0.913	1.173#



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Notes :

1. The FDA tests are intended for the raw/virgin polymer material. Since this was not available, the finished article was tested, and this testing included the polymer and all the other substances that were added during the manufacturing process. It is recommended that the physical parameters be tested on the raw/virgin polymer material.
2. # = Exceeds the limit
3. Density at 23°C are not accredited by CNAS

FDA 21 CFR 177.1520-Melting Point

Test Method : With reference to US FDA 21 CFR 177.1520 d(2).

Test Item(s)	Limit	001
Melting Point, °C	160-180	164.5
Comment		PASS

Notes :

Melting Point are not accredited by CNAS

Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***

