

Test Report

No. NGBHG1604680401

Date: 14 Oct 2016

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TAIZHOU VEMAS BIOTECHNOLOGY CO.,LTD

AOAN INDUSTRY AREA, XICHENG JIEDAO, HUANGYAN DISTRICT, TAIZHOU CITY, ZHEJIANG , CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : BAMBO FIBER PALSTIC

SGS Job No. : NBHL1609014114CW - NB
 Date of Sample Received : 30 Sep 2016
 Testing Period : 30 Sep 2016 - 11 Oct 2016
 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 175.300–Total extractives (sample 001)	See Results
FDA 21 CFR 177.1520- Soluble fraction(sample 001)	PASS
FDA 21 CFR 177.1520- Extractable fraction(sample 001)	PASS

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

Iris Xiao

Iris Xiao
 Approved Signatory



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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	NGB16-046804.001	Beige bamboo fiber&plastic bowl	BAMBOO FIBER+PP

FDA 21 CFR 175.300–Total extractives (sample 001)

Test Requested : As specified for client, for compliance with Food and Drug Administration Regulations for determining the amount of extractives from the submitted sample.

Test Method : As specified in FDA 21 CFR 175.300

Simulant Used	Time	Temperature	Max. Permissible Limit	Result of 001 Total Extractives
Distilled Water	24.0hr(s)	120°F	18mg/inch ²	<0.1mg/inch ²
8% Alcohol	24.0hr(s)	120°F	18mg/inch ²	<0.1mg/inch ²
n-Heptane	0.5hr(s)	70°F	18mg/inch ²	<0.1mg/inch ²

FDA 21 CFR 177.1520- Soluble fraction(sample 001)

Test Requested : As specified for client, to determine maximum soluble fraction in xylene for compliance with the Food and Drug Administration Regulations for polypropylene used in contact with food.

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

Simulant Used	Time	Temp	Max. Permissible Limit	Result of 001 Soluble fraction
Soluble fraction in xylene at 25°C	2hr(s)	25°C	9.8% (w/w)	3.2% (w/w)

FDA 21 CFR 177.1520- Extractable fraction(sample 001)

Test Requested : As specified for client, to determine maximum extractable fraction in n-hexane for compliance with the Food and Drug Administration Regulations for polypropylene used in contact with food.

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



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<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible</u> <u>Limit</u>	<u>Result of 001</u> <u>Extractable</u> <u>fraction</u>
Extractable fraction in n-hexane at reflux temperature	2hr(s)	reflux temperature	6.4% (w/w)	1.4% (w/w)

Remark:

- (1) °F = Fahrenheit degree
- (2) mg/inch² = milligram per square inch
- (3) < = less than
- (4) %(w/w) = percentage of weight by weight
- (5) °C = degree Celsius
- (6) hr = hour



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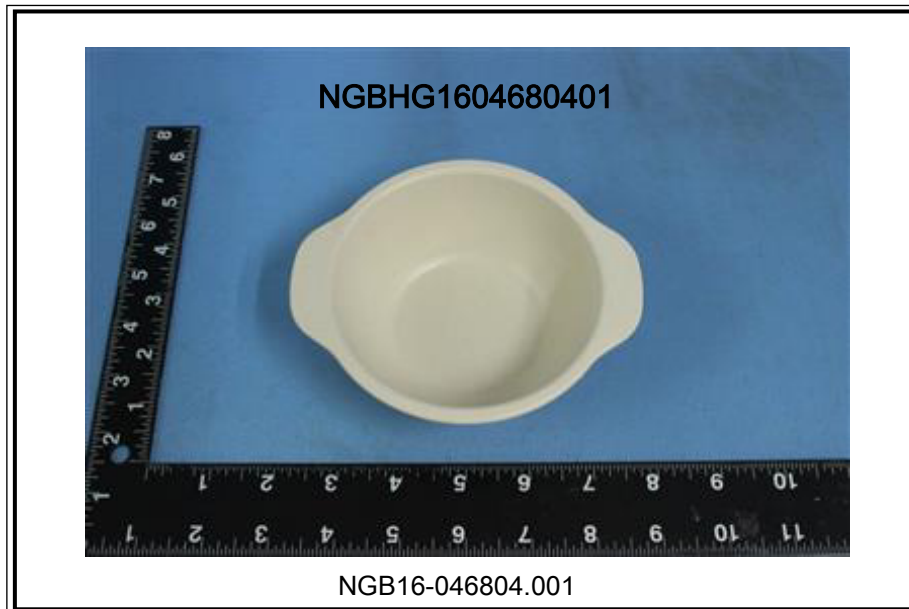
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Sample photo:



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*** End of Report ***



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