

Test Report

No. NGBEC2002384204 A01

Date: 03 Jul 2020

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ANHUI HONYI INTERNATIONAL CORP.

B-2106, HUAYE GARDEN BUSINESS OFFICE BUILDING, GANQUAN ROAD, SHUSHAN DISTRICT, HEFEI CITY, ANHUI PROVINCE

THIS REPORT IS TO SUPERSEDE TEST REPORT NO.NGBEC2002384201 DATE: 2020/06/22

The following sample(s) was/were submitted and identified on behalf of the clients as : FermZilla - Conical

SGS Job No. : NP20-002144 - NB
 Model No. : KL06835
 Client Ref. Information : KL11327, KL14748, KL11334, KL06842, KL14731, KL13550, KL14755, KL15189, KL15196, KL15219, KL15226
 Date of Sample Received : 05 Jun 2020
 Testing Period : 05 Jun 2020 - 22 Jun 2020
 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
Italian Ministerial Decree of 21/03/1973 and its amendments, Commission Regulation (EU) No 10/2011 of 14 January 2011 and its amendments - Overall migration	PASS
Italian Ministerial Decree of 21/03/1973 and its amendments -Color migration	PASS
Italian Ministerial Decree of 21/03/1973 and its amendments and Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments-Specific migration of terephthalic acid	PASS
Italian Ministerial Decree of 21/03/1973 and its amendments, Commission Regulation (EU) No 10/2011 of 14 January 2011 and its amendments-Specific migration of heavy metal	PASS



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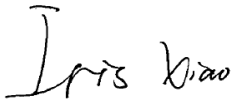
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Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Ningbo Branch



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	NGB20-023842.001	Black plastic part	POK
SN2	NGB20-023842.002	Colorless transparent plastic part	PET

Remarks :

- (1) mg/dm² = milligram per square decimeter
- (2) mg/kg = milligram per kilogram
- (3) °C= degree Celsius
- (4) < = less than
- (5) MDL = Method Detection Limit
- (6) ND = Not Detected (< MDL)

Italian Ministerial Decree of 21/03/1973 and its amendments, Commission Regulation (EU) No 10/2011 of 14 January 2011 and its amendments - Overall migration

Test Method : With reference to Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex III and Annex V for selection of condition and EN 1186-1:2002 for selection of test methods;
EN 1186-3: 2002 aqueous food simulants by total immersion method.

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 001 Overall Migration</u>
50% Ethanol (V/V) Aqueous Solution	240.0hr(s)	40°C	10mg/dm ²	<3.0mg/dm ² ♦

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 002 Overall Migration</u>
50% Ethanol (V/V) Aqueous Solution	240.0hr(s)	40°C	10mg/dm ²	<3.0mg/dm ²

Notes :

- (1) Analytical tolerance of aqueous simulants is 2 mg/dm².
- (2) Test condition & simulant were specified by client.
- (3) The migration results are based on the first migration as per client's request.
- (4) ♦Visible color migration in the simulant

Italian Ministerial Decree of 21/03/1973 and its amendments -Color migration

Test Method : With reference to Ministerial Decree of 21 March 1973 (Italy), ANNEX IV-SEC. VII.



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<u>Test Item(s)</u>	<u>Limit</u>	<u>001</u>
Optical transmission in 50% Ethanol (V/V), %	≥ 95%	96

Notes :

- (1) Test condition & simulant were specified by client.
- (2) % = percentage of weight by weight

Italian Ministerial Decree of 21/03/1973 and its amendments and Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments-Specific migration of terephthalic acid

Test Method : With reference to EN13130-1: 2004, analysis was performed by LC-DAD.

Sample 002

Simulant Used : 50% Ethanol (V/V) aqueous solution
 Test Condition : 40 °C 72.0 hr(s)

<u>Test Item(s)</u>	<u>Max. Permissible</u>	<u>Unit</u>	<u>MDL</u>	<u>Test result</u>
	<u>Limit</u>			
Migration times	-	-	-	1st
Area/volume	-	dm ² /kg	-	6.0
Specific migration of terephthalic acid	7.5	mg/kg	1.0	ND

Notes :

- (1) Test condition & simulant were specified by client.



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Italian Ministerial Decree of 21/03/1973 and its amendments, Commission Regulation (EU) No 10/2011 of 14 January 2011 and its amendments-Specific migration of heavy metal

Test Method : With reference to EN13130-1:2004, analysis was performed by ICP-OES.

Sample 001

Simulant Used : 50% Ethanol (V/V) aqueous solution

Test Condition : 40 °C 72.0 hr(s)

<u>Test Item(s)</u>	<u>Max. Permissible</u> <u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>Test result</u>
Migration_times	-	-	-	3rd
Area/volume	-	dm ² /kg	-	6.0
Aluminium	1	mg/kg	0.1	ND
Barium	1	mg/kg	0.25	ND
Cobalt	0.05	mg/kg	0.01	ND
Copper	5	mg/kg	0.25	ND
Iron	48	mg/kg	0.25	ND
Lithium	0.6	mg/kg	0.5	ND
Manganese	0.6	mg/kg	0.25	ND
Zinc	5	mg/kg	0.5	ND
Nickel	0.02	mg/kg	0.02	ND

Sample 002

Simulant Used : 50% Ethanol (V/V) aqueous solution

Test Condition : 40 °C 72.0 hr(s)

<u>Test Item(s)</u>	<u>Max. Permissible</u> <u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>Test result</u>
Migration_times	-	-	-	3rd
Area/volume	-	dm ² /kg	-	6.0
Aluminium	1	mg/kg	0.1	ND
Barium	1	mg/kg	0.25	ND
Cobalt	0.05	mg/kg	0.01	ND
Copper	5	mg/kg	0.25	ND
Iron	48	mg/kg	0.25	ND
Lithium	0.6	mg/kg	0.5	ND
Manganese	0.6	mg/kg	0.25	ND
Zinc	5	mg/kg	0.5	ND



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Nickel 0.02 mg/kg 0.02 ND

Notes :

(1) Test condition & simulant were specified by client.

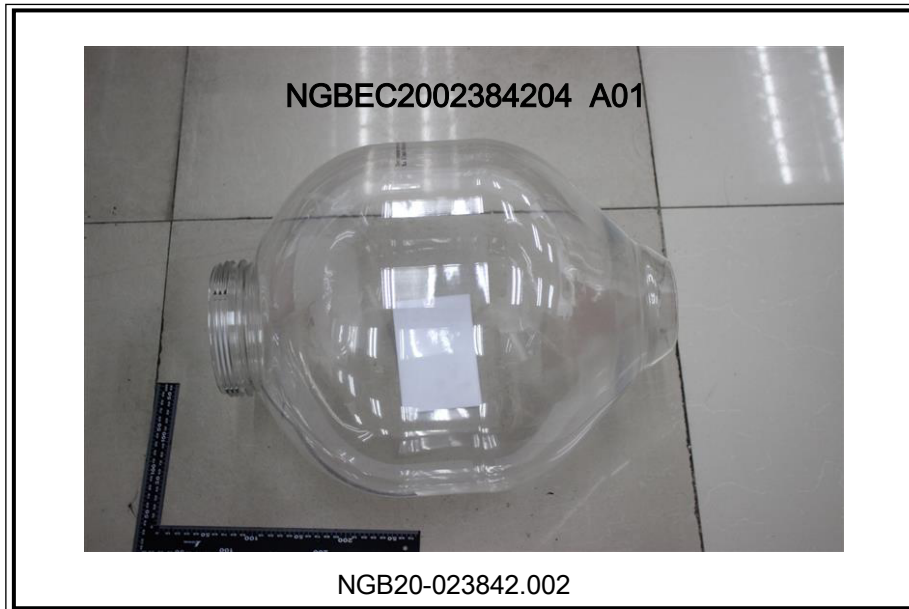
This report updates client ref. information.



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Sample photo:



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