

Test Report

No. NGBHG2300076101

Date: 07 Feb 2023

Page 1 of 5

Client Name : BESTAR PACK GROUP LIMITED

Client Address : PRINTING&PACKAGING INDUSTRIAL PARK,NINGYANG COUNTY,TAI'AN,SHANDONG,CHINA

Sample Name : FOOD GRADE PAPER PRODUCTS AND PACKAGE MATERIALS
 Style No. : NOT PROVIDED
 Item No. : NOT PROVIDED
 Client Ref. Information : PE COATED PAPER,GREASEPROOF PAPER,BAKING PAPER,SILICON PAPER,GLUE PAPER,ECO-PAPER,FOOD WRAPPERS, HAMBURGER SANDWICH PAPERS,PAPER TRAY LINER PAPER,PAPER BAGS AND POUCHES,CUPS,BOXES,CONTAINERS
 Supplier : BESTAR PACK GROUP LIMITED/BESTAR PACK GROUP(JINAN) CO.,LTD./JINXIANG PAPER/WOSEN PAPER

The above sample(s) and information were provided by the client.

SGS Job No. : NBHL2302001200CW - NB
 Date of Sample Received : 01 Feb 2023
 Testing Period : 01 Feb 2023 - 07 Feb 2023
 Test Requested : Selected test(s) as requested by the client.
 Test Method(s) : Please refer to next page(s).
 Test Result(s) : Please refer to next page(s).

Result Summary :

Test Requested	Conclusion
(EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation-Overall migration	PASS
Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 –Sensorial examination odour and taste test	PASS
(EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation -Specific migration of heavy metal	PASS



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Test Report

No. NGBHG2300076101

Date: 07 Feb 2023

Page 2 of 5

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

Pinky Wu

Pinky Wu
Approved Signatory

scan to see the report



NGBHG2300076101



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Test Report

No. NGBHG2300076101

Date: 07 Feb 2023

Page 3 of 5

Test Result(s) :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	NGB23-000761.001	White paper with transparent plastic film	PAPER+PE FILM

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)

(EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation-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 1186-3:2022 Test methods for overall migration in evaporable simulants.

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 001 Overall migration</u>	<u>Conclusion</u>
3% Acetic acid (W/V) aqueous solution (First migration)	2.0hr(s)	70°C	10mg/dm ²	9.6mg/dm ²	PASS
10% Ethanol (V/V) Aqueous Solution (First migration)	2.0hr(s)	70°C	10mg/dm ²	<3.0mg/dm ²	PASS
Area/Volume			-	7.0dm ² /kg	

Notes :

- (1) Analytical tolerance of evaporable simulants is 2 mg/dm² or 12 mg/kg. Analytical tolerance of olive oil simulant is 3 mg/dm² or 20 mg/kg.
- (2) Test condition & simulant were specified by client.

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 –Sensorial examination odour and taste test



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Test Report

No. NGBHG2300076101

Date: 07 Feb 2023

Page 4 of 5

Test Method : With reference to DIN 10955:2004.
 Test media: Distilled water;
 No. of panelist: 6

Test Item(s)	Limit	001
Temperature(°C)	-	100
Test time(hr)	-	0.5
Sensorial examination odour (Point scale)	2.5	0
Sensorial examination taste (Point scale)	2.5	0
Conclusion		PASS

Notes :

Scale evaluation:

- 0 – no perceptible difference
- 1 – just perceptible difference
- 2 – slight difference
- 3 – marked difference
- 4 – strong difference

(EU) No 10/2011 and its amendment (EU) 2020/1245 Regulation -Specific migration of heavy metal

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

Sample 001

Simulant Used : 3% Acetic Acid (W/V) Aqueous Solution
 Test Condition : 100 °C 0.5 hr(s)

Test Item(s)	Max. Permissible Limit	Unit	MDL	Test result
Migration times	-	-	-	First
Area/volume	-	dm ² /kg	-	6.0
Arsenic(As)	ND	mg/kg	0.01	ND
Cadmium(Cd)	ND	mg/kg	0.002	ND
Chromium (Cr)	ND	mg/kg	0.01	ND
Mercury(Hg)	ND	mg/kg	0.01	ND
Lead(Pb)	ND	mg/kg	0.01	ND
Aluminium (Al)	1	mg/kg	0.1	ND
Barium (Ba)	1	mg/kg	0.25	ND
Cobalt (Co)	0.05	mg/kg	0.01	ND
Copper (Cu)	5	mg/kg	0.25	ND
Iron(Fe)	48	mg/kg	5	ND



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Test Report

No. NGBHG2300076101

Date: 07 Feb 2023

Page 5 of 5

Lithium (Li)	0.6	mg/kg	0.1	ND
Manganese(Mn)	0.6	mg/kg	0.1	ND
Zinc(Zn)	5	mg/kg	0.5	ND
Nickel (Ni)	0.02	mg/kg	0.01	ND
Antimony (Sb)	0.04	mg/kg	0.01	ND
Europium (Eu)	-	mg/kg	0.025	ND
Gadolinium(Gd)	-	mg/kg	0.025	ND
Lanthanum(La)	-	mg/kg	0.025	ND
Terbium(Tb)	-	mg/kg	0.025	ND
Europium (Eu)+ Gadolinium(Gd)+ Lanthanum(La)+ Terbium(Tb)	0.05	mg/kg	-	ND

Conclusion

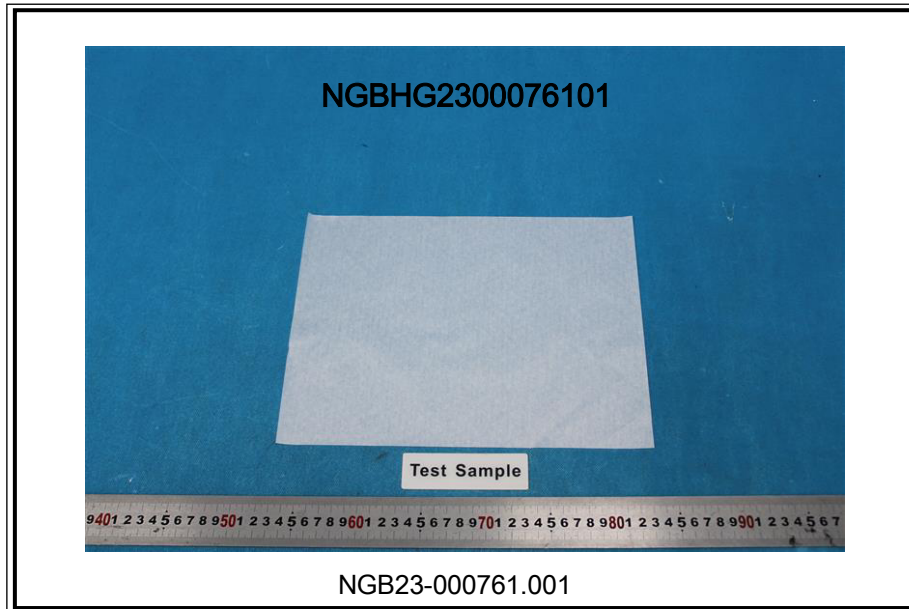
PASS

Notes :

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

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ($w=0$) stated in ILAC-G8:09/2019.

Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***

