



Test Report

No. NGBHG1705301802 A01

Date: 31 Oct 2017

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THIS REPORT IS TO SUPERSEDE TEST REPORT NO.NGBHG1705301801 DATE:2017/10/27

The following sample(s) was/were submitted and identified on behalf of the clients as : **NONWOVEN WIPE, TYPE 80AB**

SGS Job No. : NBHL1710017058SD - NB
Date of Sample Received : 23 Oct 2017
Testing Period : 23 Oct 2017 - 27 Oct 2017
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
Overall migration	See Results
Specific migration of heavy metal	See Results

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	NGB17-053018.001	Dyed non woven fabric	NON WOVEN

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)

Overall migration

Test Requested : In accordance with Council of Europe Resolution AP (2004) 1, to determine 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; EN 1186-14: 2002 substitute test.

<u>Simulant Used</u>	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible Limit</u>	<u>Result of 001 Overall Migration</u>
3% Acetic acid (W/V) aqueous solution	2.0hr(s)	70°C	10mg/dm ²	<3.0mg/dm ²
95% Ethanol (V/V) aqueous solution (Rectified olive oil substitute)	2.0hr(s)	60°C	10mg/dm ²	<3.0mg/dm ²
Isooctane (Rectified olive oil substitute)	0.5hr(s)	40°C	10mg/dm ²	<3.0mg/dm ²
10% Ethanol (V/V) Aqueous Solution	2.0hr(s)	70°C	10mg/dm ²	<3.0mg/dm ²

Notes :

- (1) Analytical tolerance of aqueous simulants is 2 mg/dm².
- (2) Analytical tolerance of fatty food simulants is 3 mg/dm².
- (3) Test condition & simulant were specified by client.
- (4) The Area of sample cannot be accurately calculated, the test result is only for reference

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Specific migration of heavy metal

Test Requested : In accordance with Commission Regulation (EU) 2016/1416 amending Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments, to determine specific migration of heavy metal.

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

Sample 001

Simulant Used : 3% Acetic Acid (W/V) Aqueous Solution

Test Condition : 40 °C 0.5 hr(s)

<u>Test Item(s)</u>	<u>Max. Permissible Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>Test result</u>
Migration times	-	-	-	3rd
Area/volume	-	dm ² /kg	-	6.0
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
Aluminium (Al)	1	mg/kg	0.1	ND

Notes :

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

(2) The Area of sample cannot be accurately calculated, the test result is only for reference

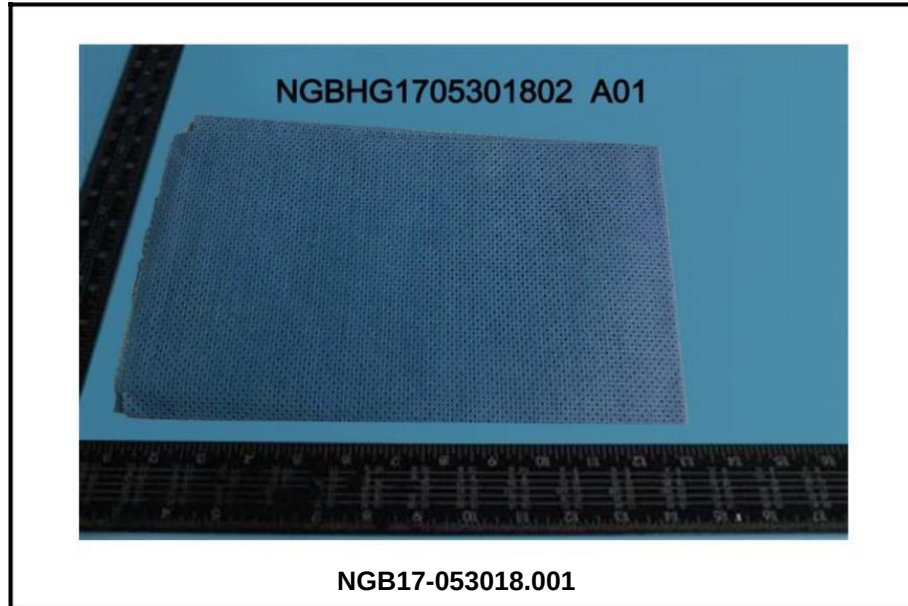
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Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***