

Test Report No. NGBHG1704844602 A01 Date: 10 Oct 2017 Page 1 of 4

THIS REPORT IS TO SUPERSEDE TEST REPORT NO. NGBHG1704844601 DATE: 2017/09/28

The following sample(s) was/were submitted and identified on behalf of the clients as: MO 8321

SGS Job No.: NBHL1709015734SD - NB

Buyer: MID OCEAN BRANDS B.V.

Manufacturer:

Country of Origin: CHINA

Country of Destination: EUROPE

Buyer Address: UNIT 201, 2/F, LAFORD CENTRE, 838 LAI CHI KOK ROAD, CHEUNG SHA

WAN, KOWLOON, HONG KONG

Date of Sample Received: 22 Sep 2017

Testing Period: 22 Sep 2017 - 28 Sep 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).

Conclusion: For sample 001, the tested parameters comply with the requirement stated in

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of

27 October 2004.

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 NGB17-048446.001 Silvery stainless steel bottle STAINLESS STEEL

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)

Extractable heavy metals

Test Requested: In accordance with Council of Europe Resolution CM/Res(2013)9, to determine extractable

heavy metals.

Test Method: With reference to EN 13130-1:2004, analysis was performed by ICP-MS.

Sample 001:

Simulant Used: 0.5% Citric acid (W/V) aqueous solution

Test Condition: 70 °C 2.0 hr(s)

Test Item(s)	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	1st+2ndMigration
Aluminium (AI)	35	mg/kg	0.2	ND
Antimony (Sb)	0.28	mg/kg	0.02	ND
Chromium(Cr)	1.75	mg/kg	0.1	ND
Cobalt(Co)	0.14	mg/kg	0.01	ND
Copper(Cu)	28	mg/kg	0.1	ND
Iron(Fe)	280	mg/kg	0.25	3.11
Manganese(Mn)	12.6	mg/kg	0.25	ND
Molybdenum(Mo)	0.84	mg/kg	0.02	ND
Nickel(Ni)	0.98	mg/kg	0.05	ND
Silver(Ag)	0.56	mg/kg	0.03	ND
Tin(Sn)	700	mg/kg	5	ND
Vanadium(V)	0.07	mg/kg	0.005	ND
Zinc(Zn)	35	mg/kg	1	ND
Arsenic(As)	0.014	mg/kg	0.001	ND
Barium(Ba)	8.4	mg/kg	0.25	ND



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TestItem(s)	<u>Limit</u>	<u>Unit</u>	MDL	1st+2ndMigration	
Beryllium(Be)	0.07	mg/kg	0.005	ND	
Cadmium(Cd)	0.035	mg/kg	0.002	ND	
Lead(Pb)	0.07	mg/kg	0.005	ND	
Lithium(Li)	0.336	mg/kg	0.02	ND	
Mercury(Hg)	0.021	mg/kg	0.002	ND	
Thallium(TI)	0.0007	mg/kg	0.0001	ND	
Test Item(s)	<u>Limit</u>	<u>Unit</u>	MDL	3rdMigration	
Aluminium (Al)	5	mg/kg	0.2	ND	
Antimony (Sb)	0.04	mg/kg	0.02	ND	
Chromium(Cr)	0.25	mg/kg	0.1	ND	
Cobalt(Co)	0.02	mg/kg	0.01	ND	
Copper(Cu)	4	mg/kg	0.1	ND	
Iron(Fe)	40	mg/kg	0.25	0.73	
Manganese(Mn)	1.8	mg/kg	0.25	ND	
Molybdenum(Mo)	0.12	mg/kg	0.02	ND	
Nickel(Ni)	0.14	mg/kg	0.05	ND	
Silver(Ag)	0.08	mg/kg	0.03	ND	
Tin(Sn)	100	mg/kg	5	ND	
Vanadium(V)	0.01	mg/kg	0.005	ND	
Zinc(Zn)	5	mg/kg	1	ND	
Arsenic(As)	0.002	mg/kg	0.001	ND	
Barium(Ba)	1.2	mg/kg	0.25	ND	
Beryllium(Be)	0.01	mg/kg	0.005	ND	
Cadmium(Cd)	0.005	mg/kg	0.002	ND	
Lead(Pb)	0.01	mg/kg	0.005	ND	
Lithium(Li)	0.048	mg/kg	0.02	ND	
Mercury(Hg)	0.003	mg/kg	0.002	ND	
Thallium(TI)	0.0001	mg/kg	0.0001	ND	

Notes:

- (1) Test condition & simulant were specified by client.
- (2) Requirement for repeat use article: According to Council of Europe Resolution CM/Res(2013)9, the result from 3rd migration shall comply with the Specific Release Limit (SRL) and the sum of 1st and 2nd migration shall not exceed seven times of SRL for repeated use articles
- (3) The ratio of surface area to volume ratio was 12.4 dm² per 1 kg of foodstuff in contact with.



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Sample photo:





SGS authenticate the photo on original report only *** End of Report ***



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