



Test Report # 18A-003496-1 Date of Report Issue: September 4, 2018

Date of Sample Received: August 23, 2018 Pages: Page 1 of 9

CLIENT INFORMATION:

Company: Address:



SAMPLE INFORMATION:

Product Name: ① Bottle With wireless Charging; ② Bottle with Bluetooth Earbuds

Model/style No.: ①P436.170; ②P436.120

Main Material: Buyer: Supplier: -

Country of Distribution: EU

Testing Period: 08/24/2018-08/30/2018

OVERALL RESULT:

PASS

Refer to page 2 for test result summary and appropriate notes.

HANGZHOU ASIAINSPECTION TESTING TECHNOLOGY CO., LTD

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TEST RESULTS SUMMARY:

At the request of the client, the following tests were conducted:

CONCLUSION	TEST(S) CONDUCTED		
PASS	Regulation (EC) No 1935/2004, (EU) No 10/2011 and its amendment (EU)		
PASS	2016/1416- Overall migration		
PASS	Regulation (EC) No 1935/2004, (EU) No 10/2011 and its amendment (EU)		
PASS	2016/1416- Specific migration of heavy metals		
PASS	Regulation (EC) No 1935/2004, (EU) No 10/2011 -Specific migration of Primary		
PASS	Aromatic Amines		
PASS	Regulation (EC) No 1935/2004, (EU) No 10/2011 -Specific migration of Bisphenol A		



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DETAILED RESULTS:

Regulation (EC) No 1935/2004, (EU) No 10/2011 and its amendment (EU) 2016/1416- Overall migration

Test method: EN1186-1:2002: for selection of conditions and test methods EN1186-9:2002: aqueous food simulants by article filling

Specimen No.		1 2 3		3	Maximum
Simulant used	Test condition	Result (mg/dm²)	Result (mg/dm²)	Result (mg/dm²)	permissible Limit (mg/dm²)
3% acetic acid 2 hours at 70°C		ND	ND	ND	10
Conclusion		PASS	PASS	PASS	

Note:

mg/dm² = milligram per square decimeter

ND = Not Detected (Reporting limit = 3 mg/dm²)

The overall migration value is expressed in mg/dm² applying the total contact surface of sealing article and sealed container

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DETAILED RESULTS:

Regulation (EC) No 1935/2004, (EU) No 10/2011 and its amendment (EU) 2016/1416- Specific migration of heavy metals

Test method: Sample preparation in 3% acetic acid at 70°C for 2hours

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.		1	2			Maximum
Test Item	Detection	Result	Result	Result	Result	permissible Limit
restitem	limit	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
Barium	0.1	ND	ND			1
Cobalt	0.05	ND	ND			0.05
Copper	0.5	ND	ND			5
Iron	1.0	ND	ND			48
Lithium	0.1	ND	ND			0.6
Manganese	0.1	ND	ND			0.6
Zinc	1.0	ND	ND			5
Aluminum	0.1	ND	ND			1
Nickel	0.01	ND	ND			0.02
Conclusion		PASS	PASS			

Note:

mg/kg=milligram per kilogram

ND= Not Detected

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DETAILED RESULTS:

Regulation (EC) No 1935/2004, (EU) No 10/2011 -Specific migration of Primary Aromatic Amines

Test Method: To refer to the EN 13130-1:2004, the analysis was performed by Gas Chromatography with Mass Spectrometry.

Specimen No.		1	2			Limit
Test Item	Test condition	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Primary Aromatic Amines migration	70℃, 2h 3% Acetic acid	ND	ND			Non- detectable
Conclusion		PASS	PASS			

Note:

mg/kg = milligram per kilogram = ppm

MDL = Method Detection Limit

ND = Not Detected (Reporting Limit= 0.01mg/kg)

Primary Aromatic Amines List:

No.	Name	No.	Name
1	4-aminodiphenyl	14	p-cresidine
2	Benzidine	15	4,4'-methylene-bis-(2-chloroaniline)
3	4-chloro-o-toluidine	16	4,4'-oxydianiline
4	2-naphthylamine	17	4,4'-thiodianiline
5	o-aminoazotoluene	18	o-toluidine
6	2-amino-4-nitrotoluene	19	2,4-diaminotoluene
7	p-chloroaniline	20	2,4,5-trimethylaniline
8	2,4-diaminoanisole	21	2-methoxyaniline
9	4,4'-diaminodiphenylmethane	22	4-aminoazobenzene
10	3,3'-dichlorobenzidine	23	2,4-Xylidine
11	3,3'-dimethoxybenzidine	24	2,6-Xylidine
12	3,3'-dimethylbenzidine	25	p-Phenylenediamine
13	3,3'-dimethyl-4,4'-diaminodiphenylmethane	26	Aniline

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DETAILED RESULTS:

Regulation (EC) No 1935/2004, (EU) No 10/2011 -Specific migration of Bisphenol A

Test method: EN 13130-1:2004 & DD CEN/TS 13130-13:2005

Specimen No.		1					Limit
Test Item	Test condition	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	(mg/kg)
Bisphenol A (BPA)	70℃, 2h 3% Acetic acid	ND					0.6
Conclusion		PASS					

Note:

mg/kg = milligram per kilogram = ppm

ND = Not Detected (Reporting Limit= 0.1mg/kg)



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SPECIMEN DESCRIPTION:

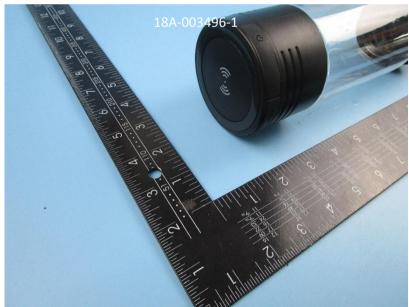
Specimen No.	Specimen Description	Location	
1	Transparent plastic	Main body (transparent style)	
2	Black plastic	Lid (transparent style)	
3	Translucent soft plastic	Seal ring (transparent style)	



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SAMPLE PHOTO:





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SAMPLE PHOTO:



-End Report-