

Report No. : B-R01612E2032

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Applicant : Shantou Chuangxin Weinuo Plastic Packaging Products CO.,LTD
Address : Block B03-05, Tatou Dangerous Goods Complex ReservoirArea, Queshi Subdistrict, Shantou, Guangdong, China
Client ID : AY3003
Manufacturer : Shantou Chuangxin Weinuo Plastic Packaging Products CO.,LTD
Address : Block B03-05, Tatou Dangerous Goods Complex ReservoirArea, Queshi Subdistrict, Shantou, Guangdong, China



Report Query

Report on the submitted sample said to be

Sample Name : PE plastic bottle
Sample material : PE
Country of Origin : CHINA
Model No. : PE2ml, PE3ml, PE5ml, PE10ml, PE15ml, PE20ml, PE30ml, PE50ml, PE60ml, PE100ml, PE120ml, PE150ml, PE200ml, PE250ml, PE300ml, PE500ml
Sample Model : PE10ml
Sample Received Date : 2025-12-26
Sample Tested Date : 2025-12-26 to 2025-12-30
Test Requested : 1. Regulation (EC) No 1935/2004, the Commission Regulation (EU) No 10/2011 and its amendment (EU) No 2016/1416, (EU) No 2017/752, (EU) No 2018/79, (EU) 2018/213, (EU) 2020/1245 and (EU) 2023/1442
1.1. Overall migration
1.2. Specific migration for heavy metal
1.3. Bisphenol A(BPA) migration
1.4. Primary Aromatic Amine migration
1.5. Bisphenol A (BPA) Content
Test Result(s) : Pass. (Please refer to next page)

Signed for and on behalf of
Beide (Shenzhen) Product Service Limited

Reported by Shen Xiao Checked by Austin Zhong Approved by Martin Wang
Signature / Shen Xiao Signature / Austin Zhong Signature / Martin Wang

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E-mail:Admin@beide.com www.beide.com

Test Result(s):

Specimen Description:

Description	No.	Material
Plastic Bottle	1	PE

1.1. Overall migration

Test Method: To refer to the EN 1186-1:2002 & EN 1186-3:2002.

Test Items	Test condition	Result (mg/dm ²)	Limit (mg/dm ²)	Report limit (mg/dm ²)
		A		
Distilled water	2 h / 70℃	<0.1	10	0.5
3% acetic acid	2 h / 70℃	<0.1	10	0.5
20% ethanol	2 h / 70℃	<0.1	10	0.5
95% ethanol and isooctane	2 h / 70℃	<0.1	10	0.5

Note:

1.mg/dm² = milligram per square decimeter

2.< = less than

1.2.Extractable Heavy Metal

Test Method: To refer to the EN 13130-1:2004, the analysis was performed by ICP-OES.

Test Item	Test condition	Result (mg/kg)			Limit(mg/kg)
		A			
		The first	The second	The third	
Specific migration of Barium	40℃,24h 3% Acetic Acid	<0.1	<0.1	<0.1	1
Specific migration of Cobalt		<0.01	<0.01	<0.01	0.05
Specific migration of Copper		<0.1	<0.1	<0.1	5
Specific migration of Iron		<2	<2	<2	48
Specific migration of Lithium		<0.01	<0.01	<0.01	0.6
Specific migration of Manganese		<0.01	<0.01	<0.01	0.6
Specific migration of Zinc		<1	<1	<1	25

Note:

mg/kg = milligram per kilogram = ppm

< = less than

* The detection limit of total chromium shall be 0.01mg/kg.If there is evidence that hexavalent chromium is absent, the total chromium limit may be 3.6mg/kg.

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1.3. Bisphenol A(BPA) migration

Test Method: With reference to EN 13130-1:2004, analysis was performed by Liquid Chromatograph Mass Spectrometer (LC-MS).

Test Item	Test condition	Result (mg/kg)			MDL	Limit(mg/kg)
		A				
		The first	The second	The third		
Bisphenol A (BPA) migration	40℃,24h 3% acetic acid	N.D.	N.D.	N.D.	0.01	0.05

Note:

1. mg/kg = milligram per kilogram = ppm
2. N.D. = Not Detected (< MDL).
3. MDL = Method Detection Limit.

1.4. Primary Aromatic Amine migration

Test Method: With reference to EN 13130-1:2004, analysis was performed by Liquid Chromatograph Mass Spectrometer (LC-MS).

Test component	Result	Limit	Unit
	A		
Primary Aromatic Amine migration	BL	0.01	mg/kg

Note:

1. mg/kg = milligram per kilogram = ppm
2. MDL = Method Detection Limit.
3. BL=Below Limit

1.5.BisphenolA (BPA) ContentTest

Method: With reference to Solvent Extraction, analysis was performed by Liquid Chromatograph Mass Spectrometer (LC-MS).

Test component	Unit	Result	MDL	Limit
		A		
Primary Aromatic Amine migration	mg/kg	N.D.	0.1	Absent

Note:

- mg/kg=milligram per kilogram=ppm
N.D.=Not Detected (< MDL).
MDL=Method Detection Limit.

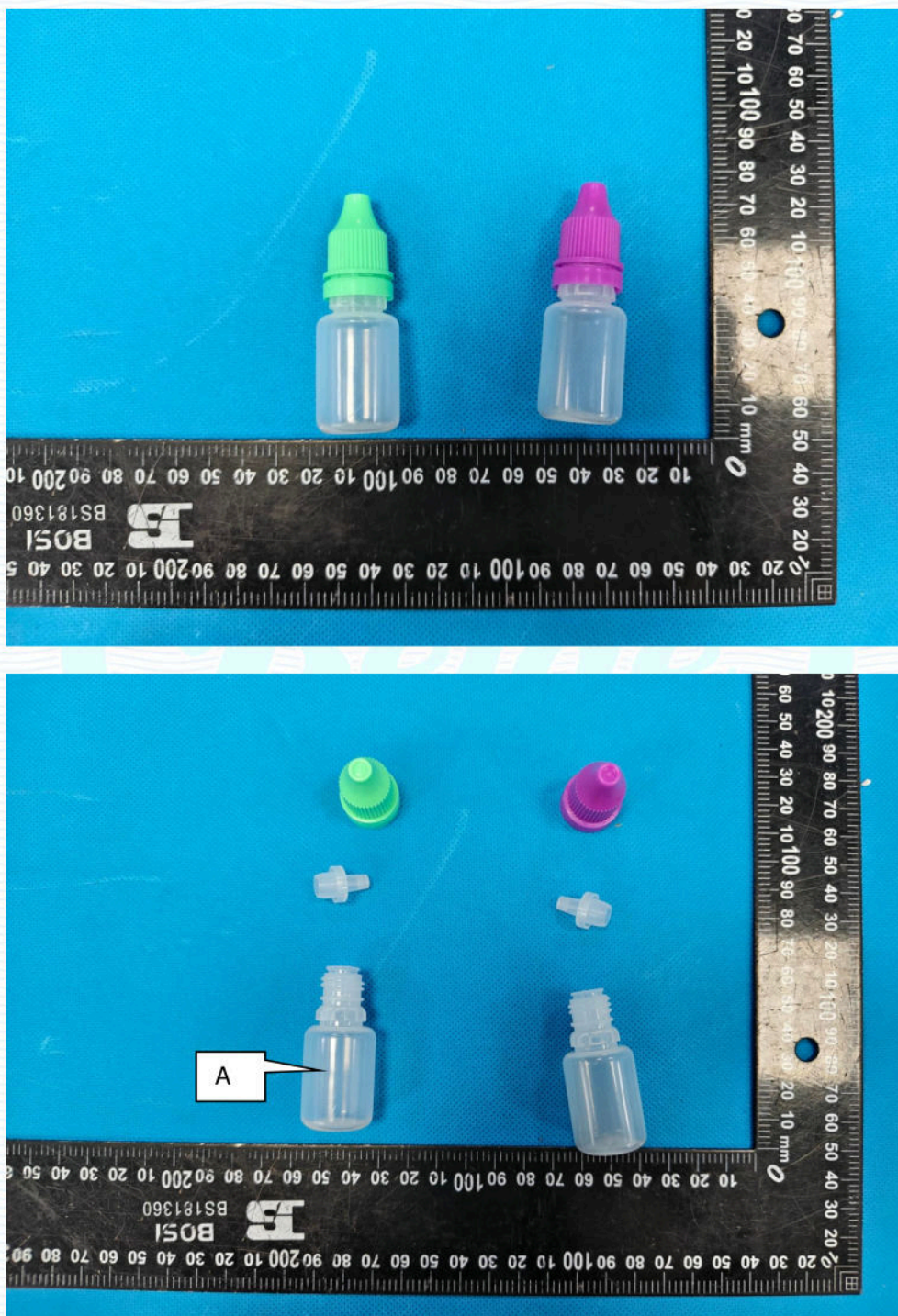
Remark: As specified by applicant, to test content in the selected materials of the submitted samples. The test results are only responsible for the submitted sample. The test report is only for customer research, teaching, internal quality control, product development and other purposes, for reference only.

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Photo of the sample



*** End of report ***

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