Test Report

Applicant	:	Guangzhou Aida Industry And Trade Co., Ltd.
Address	:	Fourth floor, Building D, Jiangfeng Business Park, No. 27 Dagang West Street, Baiyun Lake Street, Baiyun District, Guangzhou
Manufacturer	:	Guangzhou Aida Industry And Trade Co., Ltd.
Address	:	Fourth floor, Building D, Jiangfeng Business Park, No. 27 Dagang West Street, Baiyun Lake Street, Baiyun District, Guangzhou
Sample name	:	Flavour bottle
Model No.	:	AD-FB650
Series No.	:	N/A
Brand name	:	N/A
Testing Period	:	2025-01-06 to 2025-01-10
Date of issue	:	2025-01-10
Test Method	:	Please refer to the following page(s).
Test Result(s)	:	Please refer to the following page(s).

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Julia Lin

Test/Witness Engineer

Shenzhen Huaxu Testing Technology Co., Ltd. HXT

Approved & Authorized

TEST REQUEST	Conclusion
A. As specified by client, to test ABS material sample with reference to Regulation 1935/2004/EC and Regulation (EU) NO.10/2011 for:	
-. Phthalates content	Pass
-. Specific Migration of Primary Aromatic Amine	Pass
-. Specific migration of Acrylonitrile	Pass
-. Migration of Heavy metals	Pass
-. Overall Migration	Pass
B. As specified by client, to test silicone material sample with reference to German Food, Articles of Daily Use and Feed Code of September, 2005(LFGB), Section 30&31, Regulation 1935/2004/EC and Regulation(EU) NO.10/2011:	
-. Overall Migration	Pass
-.Volatile organic matter	Pass

Tested Sample/Part Description:

01 Black TRITAN Cup Body

02 Purple TRITAN Cup Body

03 Pink TRITAN Cup Body

04 Blue TRITAN Cup Body

05 Black PP cup lid

06 Purple PP cup lid

07 Pink PP cup lid

08 Blue PP cup lid

09 Silicone suction nozzle

10 Silicone Straw

Results:

A1. The result of Phthalates content

Test method: With reference to CPSC-CH-C1001-09.4. Analysis was performed by Gas Chromatography – Mass Spectrometry (GC-MS).

Item	Unit	MDL	Results					Limit
			01	02	03	04	05	
Dibutyl Phthalate (DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	50
Benzylbutyl Phthalate (BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Bis-(2-ethylhexyl) Phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Diisodecyl Phthalate (DIDP)	mg/kg	100	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Diisononyl Phthalate(DINP)	mg/kg	100	N.D.	N.D.	N.D.	N.D.	N.D.	1000

Item	Unit	MDL	Results					Limit
			06	07	08	09	10	
Dibutyl Phthalate (DBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	50
Benzylbutyl Phthalate (BBP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Bis-(2-ethylhexyl) Phthalate (DEHP)	mg/kg	30	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Diisodecyl Phthalate (DIDP)	mg/kg	100	N.D.	N.D.	N.D.	N.D.	N.D.	1000
Diisononyl Phthalate(DINP)	mg/kg	100	N.D.	N.D.	N.D.	N.D.	N.D.	1000

Note:

-N.D. = Not Detected or less than MDL

-MDL = Method Detection Limit

-0.1% = 1000mg/kg =1000ppm

A2. Specific Migration of Primary Aromatic Amine (PAA)

Method: Sample preparation in 3% acetic acid (w/v) in aqueous solution at 70℃ for 2 hours with reference to EN 13130-1:2004; followed by analysis using LC-MS/MS (1st migration).

Test Item	Unit	MDL	Result			Limit
			01			
			1st Migration	2nd Migration	3rd Migration	
Specific migration of Aromatic Amine (PAA)	mg/kg	0.002	N.D.	N.D.	N.D.	0.01

Test Item	Unit	MDL	Result			Limit
			02			
			1st Migration	2nd Migration	3rd Migration	
Specific migration of Aromatic Amine (PAA)	mg/kg	0.002	N.D.	N.D.	N.D.	0.01

Test Item	Unit	MDL	Result			Limit
			03			
			1st Migration	2nd Migration	3rd Migration	
Specific migration of Aromatic Amine (PAA)	mg/kg	0.002	N.D.	N.D.	N.D.	0.01

Test Item	Unit	MDL	Result			Limit
			04			
			1st Migration	2nd Migration	3rd Migration	
Specific migration of Aromatic Amine (PAA)	mg/kg	0.002	N.D.	N.D.	N.D.	0.01

Test Item	Unit	MDL	Result			Limit
			05			
			1st Migration	2nd Migration	3rd Migration	
Specific migration of Aromatic Amine (PAA)	mg/kg	0.002	N.D.	N.D.	N.D.	0.01

Test Item	Unit	MDL	Result			Limit
			06			
			1st Migration	2nd Migration	3rd Migration	
Specific migration of Aromatic Amine (PAA)	mg/kg	0.002	N.D.	N.D.	N.D.	0.01

Test Item	Unit	MDL	Result			Limit
			07			
			1st Migration	2nd Migration	3rd Migration	
Specific migration of Aromatic Amine (PAA)	mg/kg	0.002	N.D.	N.D.	N.D.	0.01

Test Item	Unit	MDL	Result			Limit
			08			
			1st Migration	2nd Migration	3rd Migration	
Specific migration of Aromatic Amine (PAA)	mg/kg	0.002	N.D.	N.D.	N.D.	0.01

A3. The result of Specific migration of Acrylonitrile

Test method: Sample preparation in 3% acetic acid (w/v) in aqueous solution at40°C for 0.5 hours; followed by analysis using GC/MS

Item	Unit	MDL	Results			Limit
			01			
			1st Migration	2nd Migration	3rd Migration	
Specific migration of Acrylonitrile	mg/kg	0.01	N.D.	N.D.	N.D.	0.01

Item	Unit	MDL	Results			Limit
			02			
			1st Migration	2nd Migration	3rd Migration	
Specific migration of Acrylonitrile	mg/kg	0.01	N.D.	N.D.	N.D.	0.01

Item	Unit	MDL	Results			Limit
			03			
			1st Migration	2nd Migration	3rd Migration	
Specific migration of Acrylonitrile	mg/kg	0.01	N.D.	N.D.	N.D.	0.01

Item	Unit	MDL	Results			Limit
			04			
			1st Migration	2nd Migration	3rd Migration	
Specific migration of Acrylonitrile	mg/kg	0.01	N.D.	N.D.	N.D.	0.01

Item	Unit	MDL	Results			Limit
			05			
			1st Migration	2nd Migration	3rd Migration	
Specific migration of Acrylonitrile	mg/kg	0.01	N.D.	N.D.	N.D.	0.01

Item	Unit	MDL	Results			Limit
			06			
			1st Migration	2nd Migration	3rd Migration	
Specific migration of Acrylonitrile	mg/kg	0.01	N.D.	N.D.	N.D.	0.01

Item	Unit	MDL	Results			Limit
			07			
			1st Migration	2nd Migration	3rd Migration	
Specific migration of Acrylonitrile	mg/kg	0.01	N.D.	N.D.	N.D.	0.01

Item	Unit	MDL	Results			Limit
			08			
			1st Migration	2nd Migration	3rd Migration	
Specific migration of Acrylonitrile	mg/kg	0.01	N.D.	N.D.	N.D.	0.01

Note:

1. N.D.=not detected（less than method detection limit）
2. MDL=method detection limit
3. Test condition & simulant were specified by client

A4. Test Result of Migration of Heavy metals (for non-metal).

Test method: With reference to Commission Regulation (EU) No 10/2011& (EU) 2020/1245 for selection of condition and EN13130-1:2004 for selection of test method, analysis was performed by ICP-OES.

Unit: mg/kg

Test Item(s)	Test condition/ Equipment	MDL	Test Result(s)			Limit
			3% (w/v) Acetic acid			
			01			
			1st Migration	2nd Migration	3rd Migration	
Barium (Ba) (M)	70°C, 2h	0.1	N.D.	N.D.	N.D.	1
Cobalt (Co) (M)		0.05	N.D.	N.D.	N.D.	0.05
Copper (Cu) (M)		0.5	N.D.	N.D.	N.D.	5
Iron (Fe) (M)		1.0	N.D.	N.D.	N.D.	48
Lithium (Li) (M)		0.1	N.D.	N.D.	N.D.	0.6
Manganese (Mn) (M)		0.1	N.D.	N.D.	N.D.	0.6
Zinc (Zn) (M)		1.0	N.D.	N.D.	N.D.	5
Aluminum (Al) (M)		0.1	N.D.	N.D.	N.D.	1
Nickel (Ni) (M)		0.002	N.D.	N.D.	N.D.	0.02
Lead (Pb) (M)		0.01	N.D.	N.D.	N.D.	0.01
Cadmium (Cd) (M)		0.002	N.D.	N.D.	N.D.	0.002
Arsenic (As) (M)		0.01	N.D.	N.D.	N.D.	0.01
Mercury (Hg) (M)		0.01	N.D.	N.D.	N.D.	0.01
Chromium (Cr) (M)		0.01	N.D.	N.D.	N.D.	0.01
Antimony (Sb) (M)		0.01	N.D.	N.D.	N.D.	0.04
Lanthanum (La) (M)		0.01	N.D.	N.D.	N.D.	0.05
Europium (Eu) (M)		0.01	N.D.	N.D.	N.D.	0.05
Gadolinium (Ga) (M)		0.01	N.D.	N.D.	N.D.	0.05
Terbium (Tb) (M)		0.01	N.D.	N.D.	N.D.	0.05

Test Item(s)	Test condition/ Equipment	MDL	Test Result(s)			Limit
			3% (w/v) Acetic acid			
			02			
			1st Migration	2nd Migration	3rd Migration	
Barium (Ba) (M)	70°C, 2h	0.1	N.D.	N.D.	N.D.	1
Cobalt (Co) (M)		0.05	N.D.	N.D.	N.D.	0.05
Copper (Cu) (M)		0.5	N.D.	N.D.	N.D.	5
Iron (Fe) (M)		1.0	N.D.	N.D.	N.D.	48
Lithium (Li) (M)		0.1	N.D.	N.D.	N.D.	0.6
Manganese (Mn) (M)		0.1	N.D.	N.D.	N.D.	0.6
Zinc (Zn) (M)		1.0	N.D.	N.D.	N.D.	5
Aluminum (Al) (M)		0.1	N.D.	N.D.	N.D.	1
Nickel (Ni) (M)		0.002	N.D.	N.D.	N.D.	0.02
Lead (Pb) (M)		0.01	N.D.	N.D.	N.D.	0.01
Cadmium (Cd) (M)		0.002	N.D.	N.D.	N.D.	0.002
Arsenic (As) (M)		0.01	N.D.	N.D.	N.D.	0.01
Mercury (Hg) (M)		0.01	N.D.	N.D.	N.D.	0.01
Chromium (Cr) (M)		0.01	N.D.	N.D.	N.D.	0.01
Antimony (Sb) (M)		0.01	N.D.	N.D.	N.D.	0.04
Lanthanum (La) (M)		0.01	N.D.	N.D.	N.D.	0.05
Europium (Eu) (M)		0.01	N.D.	N.D.	N.D.	0.05
Gadolinium (Ga) (M)		0.01	N.D.	N.D.	N.D.	0.05
Terbium (Tb) (M)		0.01	N.D.	N.D.	N.D.	0.05

Test Item(s)	Test condition/ Equipment	MDL	Test Result(s)			Limit
			3% (w/v) Acetic acid			
			03			
			1st Migration	2nd Migration	3rd Migration	
Barium (Ba) (M)	70°C, 2h	0.1	N.D.	N.D.	N.D.	1
Cobalt (Co) (M)		0.05	N.D.	N.D.	N.D.	0.05
Copper (Cu) (M)		0.5	N.D.	N.D.	N.D.	5
Iron (Fe) (M)		1.0	N.D.	N.D.	N.D.	48
Lithium (Li) (M)		0.1	N.D.	N.D.	N.D.	0.6
Manganese (Mn) (M)		0.1	N.D.	N.D.	N.D.	0.6
Zinc (Zn) (M)		1.0	N.D.	N.D.	N.D.	5
Aluminum (Al) (M)		0.1	N.D.	N.D.	N.D.	1
Nickel (Ni) (M)		0.002	N.D.	N.D.	N.D.	0.02
Lead (Pb) (M)		0.01	N.D.	N.D.	N.D.	0.01
Cadmium (Cd) (M)		0.002	N.D.	N.D.	N.D.	0.002
Arsenic (As) (M)		0.01	N.D.	N.D.	N.D.	0.01
Mercury (Hg) (M)		0.01	N.D.	N.D.	N.D.	0.01
Chromium (Cr) (M)		0.01	N.D.	N.D.	N.D.	0.01
Antimony (Sb) (M)		0.01	N.D.	N.D.	N.D.	0.04
Lanthanum (La) (M)		0.01	N.D.	N.D.	N.D.	0.05
Europium (Eu) (M)		0.01	N.D.	N.D.	N.D.	0.05
Gadolinium (Ga) (M)		0.01	N.D.	N.D.	N.D.	0.05
Terbium (Tb) (M)		0.01	N.D.	N.D.	N.D.	0.05

Test Item(s)	Test condition/ Equipment	MDL	Test Result(s)			Limit
			3% (w/v) Acetic acid			
			04			
			1st Migration	2nd Migration	3rd Migration	
Barium (Ba) (M)	70°C, 2h	0.1	N.D.	N.D.	N.D.	1
Cobalt (Co) (M)		0.05	N.D.	N.D.	N.D.	0.05
Copper (Cu) (M)		0.5	N.D.	N.D.	N.D.	5
Iron (Fe) (M)		1.0	N.D.	N.D.	N.D.	48
Lithium (Li) (M)		0.1	N.D.	N.D.	N.D.	0.6
Manganese (Mn) (M)		0.1	N.D.	N.D.	N.D.	0.6
Zinc (Zn) (M)		1.0	N.D.	N.D.	N.D.	5
Aluminum (Al) (M)		0.1	N.D.	N.D.	N.D.	1
Nickel (Ni) (M)		0.002	N.D.	N.D.	N.D.	0.02
Lead (Pb) (M)		0.01	N.D.	N.D.	N.D.	0.01
Cadmium (Cd) (M)		0.002	N.D.	N.D.	N.D.	0.002
Arsenic (As) (M)		0.01	N.D.	N.D.	N.D.	0.01
Mercury (Hg) (M)		0.01	N.D.	N.D.	N.D.	0.01
Chromium (Cr) (M)		0.01	N.D.	N.D.	N.D.	0.01
Antimony (Sb) (M)		0.01	N.D.	N.D.	N.D.	0.04
Lanthanum (La) (M)		0.01	N.D.	N.D.	N.D.	0.05
Europium (Eu) (M)		0.01	N.D.	N.D.	N.D.	0.05
Gadolinium (Ga) (M)		0.01	N.D.	N.D.	N.D.	0.05
Terbium (Tb) (M)		0.01	N.D.	N.D.	N.D.	0.05

Test Item(s)	Test condition/ Equipment	MDL	Test Result(s)			Limit
			3% (w/v) Acetic acid			
			05			
			1st Migration	2nd Migration	3rd Migration	
Barium (Ba) (M)	70°C, 2h	0.1	N.D.	N.D.	N.D.	1
Cobalt (Co) (M)		0.05	N.D.	N.D.	N.D.	0.05
Copper (Cu) (M)		0.5	N.D.	N.D.	N.D.	5
Iron (Fe) (M)		1.0	N.D.	N.D.	N.D.	48
Lithium (Li) (M)		0.1	N.D.	N.D.	N.D.	0.6
Manganese (Mn) (M)		0.1	N.D.	N.D.	N.D.	0.6
Zinc (Zn) (M)		1.0	N.D.	N.D.	N.D.	5
Aluminum (Al) (M)		0.1	N.D.	N.D.	N.D.	1
Nickel (Ni) (M)		0.002	N.D.	N.D.	N.D.	0.02
Lead (Pb) (M)		0.01	N.D.	N.D.	N.D.	0.01
Cadmium (Cd) (M)		0.002	N.D.	N.D.	N.D.	0.002
Arsenic (As) (M)		0.01	N.D.	N.D.	N.D.	0.01
Mercury (Hg) (M)		0.01	N.D.	N.D.	N.D.	0.01
Chromium (Cr) (M)		0.01	N.D.	N.D.	N.D.	0.01
Antimony (Sb) (M)		0.01	N.D.	N.D.	N.D.	0.04
Lanthanum (La) (M)		0.01	N.D.	N.D.	N.D.	0.05
Europium (Eu) (M)		0.01	N.D.	N.D.	N.D.	0.05
Gadolinium (Ga) (M)		0.01	N.D.	N.D.	N.D.	0.05
Terbium (Tb) (M)		0.01	N.D.	N.D.	N.D.	0.05

Test Item(s)	Test condition/ Equipment	MDL	Test Result(s)			Limit
			3% (w/v) Acetic acid			
			06			
			1st Migration	2nd Migration	3rd Migration	
Barium (Ba) (M)	70°C, 2h	0.1	N.D.	N.D.	N.D.	1
Cobalt (Co) (M)		0.05	N.D.	N.D.	N.D.	0.05
Copper (Cu) (M)		0.5	N.D.	N.D.	N.D.	5
Iron (Fe) (M)		1.0	N.D.	N.D.	N.D.	48
Lithium (Li) (M)		0.1	N.D.	N.D.	N.D.	0.6
Manganese (Mn) (M)		0.1	N.D.	N.D.	N.D.	0.6
Zinc (Zn) (M)		1.0	N.D.	N.D.	N.D.	5
Aluminum (Al) (M)		0.1	N.D.	N.D.	N.D.	1
Nickel (Ni) (M)		0.002	N.D.	N.D.	N.D.	0.02
Lead (Pb) (M)		0.01	N.D.	N.D.	N.D.	0.01
Cadmium (Cd) (M)		0.002	N.D.	N.D.	N.D.	0.002
Arsenic (As) (M)		0.01	N.D.	N.D.	N.D.	0.01
Mercury (Hg) (M)		0.01	N.D.	N.D.	N.D.	0.01
Chromium (Cr) (M)		0.01	N.D.	N.D.	N.D.	0.01
Antimony (Sb) (M)		0.01	N.D.	N.D.	N.D.	0.04
Lanthanum (La) (M)		0.01	N.D.	N.D.	N.D.	0.05
Europium (Eu) (M)		0.01	N.D.	N.D.	N.D.	0.05
Gadolinium (Ga) (M)		0.01	N.D.	N.D.	N.D.	0.05
Terbium (Tb) (M)		0.01	N.D.	N.D.	N.D.	0.05

Test Item(s)	Test condition/ Equipment	MDL	Test Result(s)			Limit
			3% (w/v) Acetic acid			
			07			
			1st Migration	2nd Migration	3rd Migration	
Barium (Ba) (M)	70°C, 2h	0.1	N.D.	N.D.	N.D.	1
Cobalt (Co) (M)		0.05	N.D.	N.D.	N.D.	0.05
Copper (Cu) (M)		0.5	N.D.	N.D.	N.D.	5
Iron (Fe) (M)		1.0	N.D.	N.D.	N.D.	48
Lithium (Li) (M)		0.1	N.D.	N.D.	N.D.	0.6
Manganese (Mn) (M)		0.1	N.D.	N.D.	N.D.	0.6
Zinc (Zn) (M)		1.0	N.D.	N.D.	N.D.	5
Aluminum (Al) (M)		0.1	N.D.	N.D.	N.D.	1
Nickel (Ni) (M)		0.002	N.D.	N.D.	N.D.	0.02
Lead (Pb) (M)		0.01	N.D.	N.D.	N.D.	0.01
Cadmium (Cd) (M)		0.002	N.D.	N.D.	N.D.	0.002
Arsenic (As) (M)		0.01	N.D.	N.D.	N.D.	0.01
Mercury (Hg) (M)		0.01	N.D.	N.D.	N.D.	0.01
Chromium (Cr) (M)		0.01	N.D.	N.D.	N.D.	0.01
Antimony (Sb) (M)		0.01	N.D.	N.D.	N.D.	0.04
Lanthanum (La) (M)		0.01	N.D.	N.D.	N.D.	0.05
Europium (Eu) (M)		0.01	N.D.	N.D.	N.D.	0.05
Gadolinium (Ga) (M)		0.01	N.D.	N.D.	N.D.	0.05
Terbium (Tb) (M)		0.01	N.D.	N.D.	N.D.	0.05

Test Item(s)	Test condition/ Equipment	MDL	Test Result(s)			Limit
			3% (w/v) Acetic acid			
			08			
			1st Migration	2nd Migration	3rd Migration	
Barium (Ba) (M)	70°C, 2h	0.1	N.D.	N.D.	N.D.	1
Cobalt (Co) (M)		0.05	N.D.	N.D.	N.D.	0.05
Copper (Cu) (M)		0.5	N.D.	N.D.	N.D.	5
Iron (Fe) (M)		1.0	N.D.	N.D.	N.D.	48
Lithium (Li) (M)		0.1	N.D.	N.D.	N.D.	0.6
Manganese (Mn) (M)		0.1	N.D.	N.D.	N.D.	0.6
Zinc (Zn) (M)		1.0	N.D.	N.D.	N.D.	5
Aluminum (Al) (M)		0.1	N.D.	N.D.	N.D.	1
Nickel (Ni) (M)		0.002	N.D.	N.D.	N.D.	0.02
Lead (Pb) (M)		0.01	N.D.	N.D.	N.D.	0.01
Cadmium (Cd) (M)		0.002	N.D.	N.D.	N.D.	0.002
Arsenic (As) (M)		0.01	N.D.	N.D.	N.D.	0.01
Mercury (Hg) (M)		0.01	N.D.	N.D.	N.D.	0.01
Chromium (Cr) (M)		0.01	N.D.	N.D.	N.D.	0.01
Antimony (Sb) (M)		0.01	N.D.	N.D.	N.D.	0.04
Lanthanum (La) (M)		0.01	N.D.	N.D.	N.D.	0.05
Europium (Eu) (M)		0.01	N.D.	N.D.	N.D.	0.05
Gadolinium (Ga) (M)		0.01	N.D.	N.D.	N.D.	0.05
Terbium (Tb) (M)		0.01	N.D.	N.D.	N.D.	0.05

Note:

1. N.D.=not detected（less than method detection limit）
2. M= Migration
3. MDL= method detection limit

A5. Test Result of Overall Migration.

Unit: mg/dm2

Test Solution	Test Condition	MDL	Test Result(s)			Limit
			01			
			1st Migration	2nd Migration	3rd Migration	
10%(v/v) Ethanol	70° C, 2h	1.0	N.D.	N.D.	N.D.	10
3% (v/v) Acetic acid	70° C, 2h	1.0	N.D.	N.D.	N.D.	10
95%(v/v) Ethanol	60° C, 2h	1.0	N.D.	N.D.	N.D.	10
Isooctane	40° C, 0.5h	1.0	N.D.	N.D.	N.D.	10

Test Solution	Test Condition	MDL	Test Result(s)			Limit
			02			
			1st Migration	2nd Migration	3rd Migration	
10%(v/v) Ethanol	70° C, 2h	1.0	N.D.	N.D.	N.D.	10
3% (v/v) Acetic acid	70° C, 2h	1.0	N.D.	N.D.	N.D.	10
95%(v/v) Ethanol	60° C, 2h	1.0	N.D.	N.D.	N.D.	10
Isooctane	40° C, 0.5h	1.0	N.D.	N.D.	N.D.	10

Test Solution	Test Condition	MDL	Test Result(s)			Limit
			03			
			1st Migration	2nd Migration	3rd Migration	
10%(v/v) Ethanol	70° C, 2h	1.0	N.D.	N.D.	N.D.	10
3% (v/v) Acetic acid	70° C, 2h	1.0	N.D.	N.D.	N.D.	10
95%(v/v) Ethanol	60° C, 2h	1.0	N.D.	N.D.	N.D.	10
Isooctane	40° C, 0.5h	1.0	N.D.	N.D.	N.D.	10

Test Solution	Test Condition	MDL	Test Result(s)			Limit
			04			
			1st Migration	2nd Migration	3rd Migration	
10%(v/v) Ethanol	70° C, 2h	1.0	N.D.	N.D.	N.D.	10
3% (v/v) Acetic acid	70° C, 2h	1.0	N.D.	N.D.	N.D.	10
95%(v/v) Ethanol	60° C, 2h	1.0	N.D.	N.D.	N.D.	10
Isooctane	40° C, 0.5h	1.0	N.D.	N.D.	N.D.	10

Test Solution	Test Condition	MDL	Test Result(s)			Limit
			05			
			1st Migration	2nd Migration	3rd Migration	
10%(v/v) Ethanol	70° C, 2h	1.0	N.D.	N.D.	N.D.	10
3% (v/v) Acetic acid	70° C, 2h	1.0	N.D.	N.D.	N.D.	10
95%(v/v) Ethanol	60° C, 2h	1.0	N.D.	N.D.	N.D.	10
Isooctane	40° C, 0.5h	1.0	N.D.	N.D.	N.D.	10

Test Solution	Test Condition	MDL	Test Result(s)			Limit
			06			
			1st Migration	2nd Migration	3rd Migration	
10%(v/v) Ethanol	70° C, 2h	1.0	N.D.	N.D.	N.D.	10
3% (v/v) Acetic acid	70° C, 2h	1.0	N.D.	N.D.	N.D.	10
95%(v/v) Ethanol	60° C, 2h	1.0	N.D.	N.D.	N.D.	10
Isooctane	40° C, 0.5h	1.0	N.D.	N.D.	N.D.	10

Test Solution	Test Condition	MDL	Test Result(s)			Limit
			07			
			1st Migration	2nd Migration	3rd Migration	
10%(v/v) Ethanol	70° C, 2h	1.0	N.D.	N.D.	N.D.	10
3% (v/v) Acetic acid	70° C, 2h	1.0	N.D.	N.D.	N.D.	10
95%(v/v) Ethanol	60° C, 2h	1.0	N.D.	N.D.	N.D.	10
Isooctane	40° C, 0.5h	1.0	N.D.	N.D.	N.D.	10

Test Solution	Test Condition	MDL	Test Result(s)			Limit
			08			
			1st Migration	2nd Migration	3rd Migration	
10%(v/v) Ethanol	70° C, 2h	1.0	N.D.	N.D.	N.D.	10
3% (v/v) Acetic acid	70° C, 2h	1.0	N.D.	N.D.	N.D.	10
95%(v/v) Ethanol	60° C, 2h	1.0	N.D.	N.D.	N.D.	10
Isooctane	40° C, 0.5h	1.0	N.D.	N.D.	N.D.	10

Test Solution	Test Condition	MDL	Test Result(s)			Limit
			09			
			1st Migration	2nd Migration	3rd Migration	
10%(v/v) Ethanol	70° C, 2h	1.0	N.D.	N.D.	N.D.	10
3% (v/v) Acetic acid	70° C, 2h	1.0	N.D.	N.D.	N.D.	10
95%(v/v) Ethanol	60° C, 2h	1.0	N.D.	N.D.	N.D.	10
Isooctane	40° C, 0.5h	1.0	N.D.	N.D.	N.D.	10

Test Solution	Test Condition	MDL	Test Result(s)			Limit
			10			
			1st Migration	2nd Migration	3rd Migration	
10%(v/v) Ethanol	70° C, 2h	1.0	N.D.	N.D.	N.D.	10
3% (v/v) Acetic acid	70° C, 2h	1.0	N.D.	N.D.	N.D.	10
95%(v/v) Ethanol	60° C, 2h	1.0	N.D.	N.D.	N.D.	10
Isooctane	40° C, 0.5h	1.0	N.D.	N.D.	N.D.	10

Note:

1. N.D.=not detected（less than method detection limit）
2. MDL=method detection limit）
3. 0.1%,w/w=1000mg/kg=1000ppm

A6. Volatile organic matter

Test method: LFGB BfR Part II Section XV and LFGB section 35 B80.30 1(EG)

Test Item	Unit	Test Result(s)			Limit
		09			
		1st Migration	2nd Migration	3rd Migration	
Volatile organic matter (VOM)	%(w/w)	N.D.	N.D.	N.D.	0.5

Test Item	Unit	Test Result(s)			Limit
		10			
		1st Migration	2nd Migration	3rd Migration	
Volatile organic matter (VOM)	%(w/w)	N.D.	N.D.	N.D.	0.5

Note:

1. % w/w=percentage of weight by weight
2. N.D.=not detected（less than method detection limit）
3. M= Migration
4. MDL=method detection limit
5. As specified by client, only test the designated sample

Photograph of Sample

Photo 1 Appearance of EUT

Photo 2 Appearance of EUT

Photo 3 Appearance of EUT

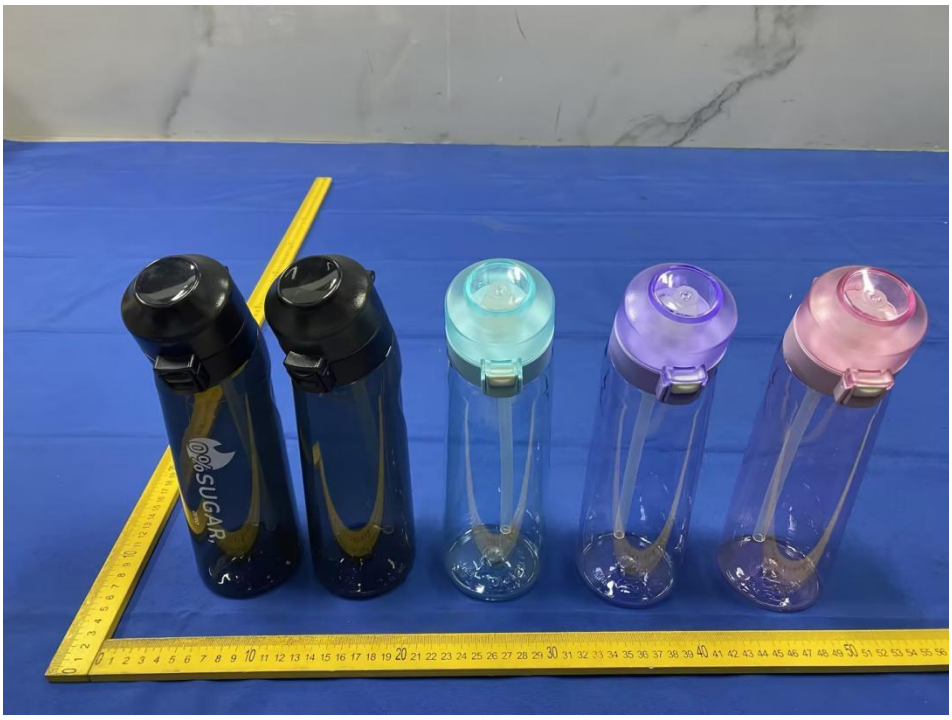


Photo 4 Appearance of EUT

Photo 5 Appearance of EUT

Photo 6 Appearance of EUT

Photo 7 Appearance of EUT

END OF REPORT

Test Report

Applicant	:	Guangzhou Aida Industry And Trade Co., Ltd.
Address	:	Fourth floor, Building D, Jiangfeng Business Park, No. 27 Dagang West Street, Baiyun Lake Street, Baiyun District, Guangzhou
Manufacturer	:	Guangzhou Aida Industry And Trade Co., Ltd.
Address	:	Fourth floor, Building D, Jiangfeng Business Park, No. 27 Dagang West Street, Baiyun Lake Street, Baiyun District, Guangzhou

Equipment Under Test (EUT)

Sample name	:	Flavour bottle
Testing type/model	:	AD-FB650
Trade Mark	:	N/A
Received Date	:	2025-01-06
Test Date	:	2025-01-06 to 2025-01-10
Issue Date	:	2025-01-10
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)

******* For more detailed information, please refer to the next page*******

Approved by: _____

Result Summary:

Test Requested	Conclusion
01) US FDA 21 CFR 180.22 & 181.32 - Acrylonitrile monomer extraction a) Extractable fraction in D.I. water at 120°F for 24 hours b) Extractable fraction in 8% ethanol at 120°F for 24 hour c) Extractable fraction in 3% acetic acid at 120°F for 24 hours d) Extractable fraction in n-heptane at 120°F for 24 hours	Pass
02) US FDA CFR 21 177.1210 (Closure with Sealing Gaskets) - Determination of Amount of Net Chloroform Soluble Extractives	Pass

Results:

01) US FDA 21 CFR 180.22 & 181.32 - Acrylonitrile monomer extraction

a) Extractable fraction in D.I. water at 120° F for 24 hours
b) Extractable fraction in 8% ethanol at 120° F for 24 hour
c) Extractable fraction in 3% acetic acid at 120° F for 24 hours
d) Extractable fraction in n-heptane at 120° F for 24 hours

Test Item(s)		Unit	Limit	Result	
				1)	2）
Acrylonitrile monomer extraction	Extractable fraction in D.I.water at 120°F for 24 hours	mg/in²	0.003	<0.001	<0.001
	Extractable fraction in 8% ethanol at 120°F for 24 hours	mg/in²	0.003	<0.001	<0.001
	Extractable fraction in 3% acetic acidat 120°F for 24 hours	mg/in²	0.003	<0.001	<0.001
	Extractable fraction in n-heptane at 120°F for 24 hours	mg/in²	0.003	<0.001	<0.001

Test Item(s)		Unit	Limit	Result	
				3)	4）
Acrylonitrile monomer extraction	Extractable fraction in D.I.water at 120°F for 24 hours	mg/in²	0.003	<0.001	<0.001
	Extractable fraction in 8% ethanol at 120°F for 24 hours	mg/in²	0.003	<0.001	<0.001
	Extractable fraction in 3% acetic acidat 120°F for 24 hours	mg/in²	0.003	<0.001	<0.001
	Extractable fraction in n-heptane at 120°F for 24 hours	mg/in²	0.003	<0.001	<0.001

Test Item(s)		Unit	Limit	Result	
				5)	6）
Acrylonitrile monomer extraction	Extractable fraction in D.I.water at 120°F for 24 hours	mg/in²	0.003	<0.001	<0.001
	Extractable fraction in 8% ethanol at 120°F for 24 hours	mg/in²	0.003	<0.001	<0.001
	Extractable fraction in 3% acetic acidat 120°F for 24 hours	mg/in²	0.003	<0.001	<0.001
	Extractable fraction in n-heptane at 120°F for 24 hours	mg/in²	0.003	<0.001	<0.001

Test Item(s)		Unit	Limit	Result	
				7)	8）
Acrylonitrile monomer extraction	Extractable fraction in D.I.water at 120°F for 24 hours	mg/in²	0.003	<0.001	<0.001
	Extractable fraction in 8% ethanol at 120°F for 24 hours	mg/in²	0.003	<0.001	<0.001
	Extractable fraction in 3% acetic acidat 120°F for 24 hours	mg/in²	0.003	<0.001	<0.001
	Extractable fraction in n-heptane at 120°F for 24 hours	mg/in²	0.003	<0.001	<0.001

Sample Description:

1) Black TRITAN Cup Body

2）Purple TRITAN Cup Body
3）Pink TRITAN Cup Body
4）Blue TRITAN Cup Body
5）Black PP cup lid
6）Purple PP cup lid
7）Pink PP cup lid
8）Blue PP cup lid

02). US FDA CFR 21 177.1210 (Closure with Sealing Gaskets)-Determination of Amount of Net Chloroform Soluble Extractives

Method: With reference to US FDA CFR 21 177.1210
For preformed overall discs or annular rings from vulcanized plasticized polymers including ruber:

Extractants Test	Test Condition	Results		Detection Limit (ppm)	Permissible Limit (ppm)
		9)	10)		
Distilled Water	1200F for 24 hours	ND	ND	5	50
8%Alcohol	1200F for 24 hours	ND	ND	5	50
n-Heptane	70 F for 30 minutes	ND	ND	5	50
Comment	--	PASS		--	--

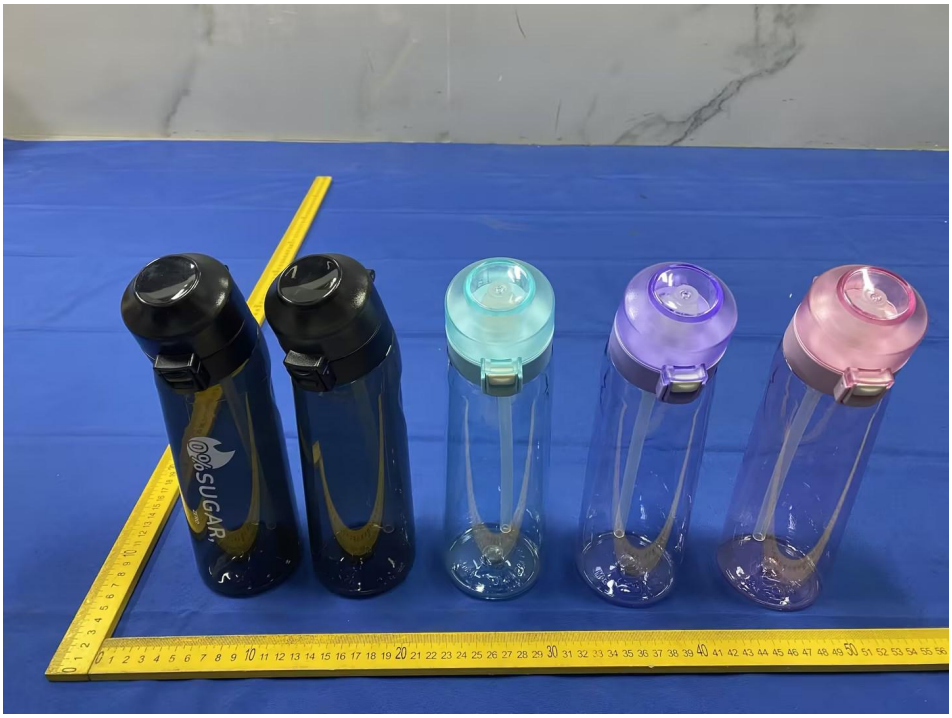
Sample Description:

9) Silicone suction nozzle
10) Silicone Straw

Note :

1.ppm = parts per million
2. ^{0}F = degree Fahrenheit
3. ND = Not Detected

Appendix


0%SUGAR


0%SUGAR

Photograph of Sample