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XIAMEN MODERN DELTA LTD JINXING ROAD NO.61-69, HUBIN NORTH ROAD, XIAMEN 361012, CHINA

Sample Description	: TRITAN 160ML FEEDING BOTTLE
Client Reference Information	: 160ML
Manufacturer	: XIAMEN MODERN DELTA LTD
Country of Origin	: CHINA

As above test item and its relevant information regarding to the submission are provided and confirmed by the applicant. SGS is not liable to either the test item or its relevant information, in terms of the accuracy, suitability, reliability or/and integrity accordingly.

ble Receiving Date	: Jun 02, 2020
Performing Date	: Jun 02, 2020 to Sep 16, 2020
Performed	: Selected test(s) as requested by applicant
Result(s)	: For further details, please refer to the following page(s)
Performing Date Performed	: Jun 02, 2020 to Sep 16, 2020 : Selected test(s) as requested by applicant

Signed for and on behalf of SGS-CSTC Standards Technical Services Co., Ltd. Xiamen Branch

中国・福建・厦门・火炬(翔安)产业区翔虹路31号

Beck Hong Authorized Signatory



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Part 1 SGS Ref No.is GZHL2006030732OT. This test was subcontracted to Guangzhou Branch, SGS-CSTC Co., Ltd.

Test Requested	Result
EN 14350-1:2004	PASS

Test Conducted: Based on EN 14350-1:2004 Child use and care articles – Drinking equipment – Part 1: General and mechanical requirements and tests

Number of Tested Sample: 5 Pieces

Test Results: Details shown as following table

Clause	Test Items	Result
5	Requirements	·
5.1	General	PASS
5.2	Visual and tactile examination	PASS
5.3	Small parts	PASS
5.4	Volume	
5.4.1	Volumetric labelling	
5.4.1.1	All feeding bottles, but not necessarily drinking cups, shall be marked with graduations at least in millilitres.	PASS
5.4.1.2	Feeding bottles	PASS
5.4.1.3	Drinking cups	NA
5.4.2	Volumetric accuracy	PASS
5.5	Resistance to tearing	PASS
5.6	Additional requirements for re-usable products	
5.6.1	Resistance to boiling water	PASS
5.6.2	Print adhesion of markings and decorations	PASS
5.6.3	Thermal shock	PASS
5.7	Additional requirement for sealing discs	NA
5.8	Requirements for matched components	
5.8.1	Includes protrusions	PASS
5.8.2	Includes straws	NA
5.9	Requirements for protrusions	PASS
5.10	Requirements for straws	NA



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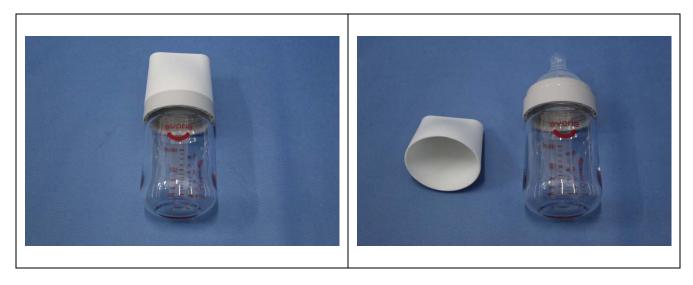
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7	Consumer packaging	PASS
8	Product information	
8.1	General	PASS
8.2	Purchase information	PASS
8.3	Instructions for use	PASS

Remarks:

- 1. NA = Not applicable.
- 2. Only English version of product information was evaluated. All product information shall be provided in the official language(s) of the country where the product is sold.
- 3. The latest version of EN 14350 is EN 14350:2020, which has superseded EN 14350-1:2004 and EN 14350-2:2004. EN 14350:2020 shall be given the status of a national standard at the latest by December 2020, and conflicting national standards shall be withdrawn at the latest by June 2021.

Sample Photos:







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Part 2 SGS Ref No.is CANHG2008789101 . This test was subcontracted to Guangzhou Branch, SGS-CSTC Co., Ltd.

Result Summary :

Test Requested	Conclusion
Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments- Overall migration	PASS
Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004–Sensorial examination odour and taste test	PASS
Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments-Specific migration of 2,2,4,4-Tetramethyl-1,3-cyclobutanediol(TMCD)	PASS
Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments–Specific Migration of Heavy Metal	PASS
EN 14350 2:2004 – Migration of certain elements	PASS
Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004,Commission Regulation (EU) 2018/213 of 12 February 2018 amending Regulation (EU) No 10/2011-Total Content of Bisphenol A	PASS

Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material
			(claimed by the client)
SN1	CAN20-087891.001	Grey plastic lid	PP
SN2	CAN20-087891.002	Transparent plastic bottle(inner)	Tritan
SN3	CAN20-087891.003	Transparent plastic bottle w/ red printing	Tritan

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments– 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; or EN 1186-3:2002 aqueous food simulants by total immersion method; or EN 1186-9:2002 aqueous food simulants by article filling method; or EN1186-2:2002 olive oil by total immersion method;





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Simulant Used	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible</u> <u>Limit</u>	Result of 001 Overall Migration	<u>Comment</u>
3% Acetic Acid (W/V) Aqueous Solution	2.0hr(s)	70°C	60mg/kg	<20mg/kg	PASS
10% Ethanol (V/V) Aqueous Solution	2.0hr(s)	70°C	60mg/kg	<20mg/kg	PASS
Rectified Olive Oil	2.0hr(s)	70°C	60mg/kg	<20mg/kg	PASS
Simulant Used	<u>Time</u>	<u>Temperature</u>	<u>Max. Permissible</u> <u>Limit</u>	Result of 002 Overall Migration	<u>Comment</u>
Simulant Used 3% Acetic Acid (W/V) Aqueous Solution	<u>Time</u> 2.0hr(s)	<u>Temperature</u> 70℃			<u>Comment</u> PASS
3% Acetic Acid (W/V)			Limit	Overall Migration	

Notes :

1. mg/dm² = milligram per square decimeter

mg/kg = milligram per kilogram of foodstuff in contact with

2. $^{\circ}C$ = degree Celsius

3. Analytical tolerance of aqueous simulants is 2mg/dm² or 12mg/kg

4. Analytical tolerance of fatty food simulants is 3mg/dm² or 20mg/kg

5.Report the third migration result

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004-**Sensorial**

examination odour and taste test

Test Method : With reference to DIN10955:2004, direct contact method. No.of panelist:6

Test Item(s)	<u>Limit</u>	<u>001</u>	<u>002</u>	
Test media	-	Distilled waterDistilled wa		
Test Temperature (°C)	-	70	70	
Test time (hr)	-	2	2	
Sensorial examination odour (Point scale)	2.5	0.0	0.0	
Sensorial examination taste (Point scale)	2.5	0.0	0.0	
Comment		PASS	PASS	

Notes :

Intensity scale (rounded at 0.5):



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- 0 no perceptible difference
- 1 just perceptible difference
- 2 slight difference
- 3 marked difference
- 4 strong difference

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments-Specific migration of 2,2,4,4-Tetramethyl-1,3-cyclobutanediol(TMCD)

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 13130-1:2004 for selection of test method analysis was performed by GC-MS.

Sample 002

Simulant Used :	3% Acetic acid (W/V) aqueous solution
Test Canditian .	70° C $0.0h_{\pi}(a)$

Test Condition : 70°C 2.0hr(s)

Test Item(s)	Max. Permissible	<u>Unit</u>	<u>MDL</u>	Test result
	<u>Limit</u>			
Migration times	-	-	-	3rd
Area/Volume	-	dm²/kg	-	9.1
Specific migration of	5	mg/kg	0.5	ND
2,2,4,4-Tetramethyl-1,3-cyclobutanediol(TMCD)				
Comment				PASS

Notes :

- 1. mg/kg = milligram per kilogram of foodstuff in contact with
- 2. °C = degree Celsius
- 3. MDL=Method Detection Limit
- 4. ND= Not Detected(less than MDL)

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004, Commission Regulation (EU) No 10/2011 of 14 January 2011 with amendments–Specific Migration of Heavy Metal

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 EN13130-1:2004 for selection of test method, analysis was performed by ICP-OES.





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Sample 001

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

Test Condition : 70°C 2.0hr(s)

Test Item(s)	Max. Permissible	<u>Unit</u>	<u>MDL</u>	Test result
	<u>Limit</u>			
Migration times	-	-	-	3rd
Area/Volume	-	dm²/kg	-	16
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
Aluminum	1	mg/kg	0.1	ND
Nickel	0.02	mg/kg	0.01	ND
Comment				PASS

Sample 002

Simulant Used :	3% Acetic Acid (W/V) Aqueous Solution
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Test Condition : 70°C 2.0hr(s)

Test Item(s)	Max. Permissible	<u>Unit</u>	MDL	<u>Test result</u>	
	<u>Limit</u>				
Migration times	-	-	-	3rd	
Area/Volume	-	dm²/kg	-	9.1	
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	
Aluminum	1	mg/kg	0.1	ND	
Nickel	0.02	mg/kg	0.01	ND	
Comment				PASS	





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Notes :

- 1. mg/kg = milligram per kilogram of foodstuff in contact with
- 2. °C = degree Celsius
- 3. MDL=Method Detection Limit
- 4. ND = Not Detected(less than MDL)

EN 14350 2:2004 – Migration of certain elements

Test Method : With reference to EN14350-2: 2004, Clause 5.2, analysis was performed by ICP-OES.

Test Item(s)	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>	<u>003</u>
Soluble Lead (Pb)	25	mg/kg	5	ND	ND
Soluble Antimony (Sb)	15	mg/kg	5	ND	ND
Soluble Arsenic (As)	10	mg/kg	5	ND	ND
Soluble Barium (Ba)	100	mg/kg	10	ND	ND
Soluble Cadmium (Cd)	20	mg/kg	5	ND	ND
Soluble Chromium (Cr)	10	mg/kg	5	ND	ND
Soluble Mercury (Hg)	10	mg/kg	5	ND	ND
Soluble Selenium (Se)	100	mg/kg	10	ND	ND
Comment				PASS	PASS

Notes :

- 1.mg/kg=ppm
- 2.ND = Not detected
- 3.MDL = Method Detection Limit
- 4. Results of soluble elements shown are of the adjusted analytical results.

Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004,Commission Regulation (EU) 2018/213 of 12 February 2018 amending Regulation (EU) No 10/2011-Total Content of

Bisphenol A

Test Method :With reference to Part II Section D2 of Testing Methods for Foodstuffs, Implements,
Containers and Packaging, Toys, Detergents, JETRO, Japan External Trade Organization,
2009 (Dichloromethane extraction by ultrasonic bath). Analysis was performed by HPLC-MS

Test Item(s)	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>	<u>002</u>
Total content of Bisphenol A	*	mg/kg	0.1	ND	ND
Comment				PASS	PASS





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Notes :

- 1. mg/kg = milligram per kilogram
- 2. MDL=Method Detection Limit
- 3. ND= Not Detected(less than MDL)
- 4. \star = Prohibited

Sample photo(s):



CANHG2008789101 CAN20-087891.001



CANHG2008789101 CAN20-087891.002



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CANHG2008789101 CAN20-087891.003

The testing report/certificate only refers to the sample(s) tested. ***End of Report***



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