

Test Report

No. TAOHG1704641801

Date: 17 Oct 2017

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ZIBO TRUELY LIGHT INDUSTRIAL PRODUCTS CO.,LTD

DAIXI VILLAGE,GUSHAN TOWN,BOSHAN DISTRICT,ZIBO,SHANDONG,CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : GLASS MASON JAR

SGS Job No. : QDHL1709024289CW - QD

Buyer :

Item No. :

PO No. :

Manufacturer : ZIBO TRUELY LIGHT INDUSTRIAL PRODUCTS CO.,LTD

Supplier : ZIBO TRUELY LIGHT INDUSTRIAL PRODUCTS CO.,LTD

Country of Origin : CHINA

Country of Destination :

Date of Sample Received : 25 Sep 2017

Testing Period : 25 Sep 2017 - 17 Oct 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).

Result Summary :

Test Requested

Conclusion

Specific migration of phthalate

PASS

Specific migration of heavy metal

PASS

Specific migration of BADGE, BADGE Derivatives, BFDGE and NOGE

See Results

Vinyl chloride monomer

PASS

Signed for and on behalf of
SGS-CSTC Standards Technical Services (Qingdao) Co., Ltd.



Wang Bo, Claire
Approved Signatory



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Test Results :

Test Part Description :

Specimen No.	SGS Sample ID	Description	Material (claimed by the client)
SN1	TAO17-046418.001	Rhodium color metal lid with white PVC coating	Metal + PVC

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)

Specific migration of phthalate

Test Requested : In accordance with German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments, European Commission Regulation (EU) No 10/2011 with amendments and BfR recommendations, to determine specific migration of phthalate.

Test Method : With reference to EN13130-1:2004, analysis was performed by GC-MS.

Sample 001

Simulant Used : 95% Ethanol (V/V) Aqueous Solution

Test Condition : 20°C 6.0hr(s)

Test Item(s)	CAS NO.	Max. Permissible Limit	Unit	MDL	Test result
Migration times		-	-	-	First
Area/volume		-	dm ² /kg	-	1.4
Benzylbutyl Phthalate(BBP)	85-68-7	30	mg/kg	0.05	ND
Dibutyl Phthalate(DBP)	84-74-2	0.3	mg/kg	0.05	ND
Di (2-ethylhexyl) Phthalate(DEHP)	117-81-7	1.5	mg/kg	0.05	ND
Diisononyl phthalate + Diisodecyl phthalate (DINP + DIDP)	68515-48-0 and 26761-40-0	9	mg/kg	0.2	ND
Diallyl Phthalate (DAP)	131-17-9	0.01	mg/kg	0.01	ND

Conclusion

PASS

Notes :

- (1) Test condition & simulant were specified by client.



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Specific migration of heavy metal

Test Requested : In accordance with German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments, European Commission Regulation (EU) No 10/2011 with amendments and BfR recommendations, to determine specific migration of heavy metal.

Test Method : With reference to EN13130-1:2004; analysis was performed by ICP-OES.

Sample 001

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

Test Condition : 20°C 6.0hr(s)

<u>Test Item(s)</u>	<u>Max. Permissible Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>Test result</u>
Migration times	-	-	-	Third
Area/volume	-	dm ² /kg	-	1.4
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	0.61
Lithium	0.6	mg/kg	0.5	ND
Manganese	0.6	mg/kg	0.25	ND
Zinc	5	mg/kg	0.5	ND
Aluminium	1	mg/kg	0.1	ND
Conclusion				PASS

Notes :

- (1) Test condition & simulant were specified by client.
- (2) The test data is obtained by considering the articles intended for repeated use as per described in Commission Regulation (EU) No 10/2011 of 14 January 2011 Annex V. Report the 3rd extractive result.

Specific migration of BADGE, BADGE Derivatives, BFDGE and NOGE

Test Requested : In accordance with German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments, European Commission Regulation 1895/2005/EC and BfR recommendation, to determine specific migration of BADGE, BADGE Derivatives, BFDGE and NOGE .

Test Method : With reference to EN 13130-1: 2004 and EN15136:2006, analysis was performed by HPLC-MS.



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Sample 001

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

Test Condition : 20°C 4.0hr(s)

Test Item(s)	Max. Permissible Limit	Unit	MDL	Test result
Migration times	-	-	-	First
Area/volume	-	dm ² /kg	-	6.0
Bisphenol A bis(2,3-dihydroxypropyl) ether (BADGE.2H ₂ O)	-	mg/kg	0.2	ND
Bisphenol A diglycidyl ether (BADGE)	-	mg/kg	0.2	ND
Bisphenol A (2,3-dihydroxypropyl) glycidyl ether(BADGE.H ₂ O)	-	mg/kg	0.2	ND
Sum(BADGE.2H ₂ O+ BADGE+ BADGE.H ₂ O)	9	mg/kg	-	ND
Bisphenol F diglycidyl ether (BFDGE)	★	mg/kg	0.2	ND
Bisphenol A bis(3-Chloro-2-hydroxypropyl) ether (BADGE.2HCl)	-	mg/kg	0.2	ND
Bisphenol A (3-chloro-2-hydroxypropyl) glycidyl ether (BADGE.HCl)	-	mg/kg	0.2	ND
Bisphenol A (3-chloro-2-hydroxypropyl)- (2,3-dihydroxypropyl) ether (BADGE.H ₂ O.HCl)	-	mg/kg	0.2	ND
Sum(BADGE.2HCl+ BADGE.HCl+ BADGE.H ₂ O.HCl)	1	mg/kg	-	ND
Novolac glycidyl ether (NOGE)	★	mg/kg	0.2	ND

Notes :

- (1) ★ =Prohibited
- (2) Test condition & simulant were specified by client.
- (3) The test result is only for reference.
- (4) These tests were subcontracted to SGS Shanghai chemical lab.

Vinyl chloride monomer

Test Requested : In accordance with German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 31 with amendments, European Commission Regulation (EU) No 10/2011 with amendments and BfR recommendations, to determine residual vinyl chloride monomer.

Test Method : In-house method (SHTC-CHEM-SOP-171-T), analysis was performed by HS-GC-MS.

Test Item(s)	Limit	Unit	MDL	001
Vinyl chloride monomer	1	mg/kg	0.5	ND
Conclusion				PASS



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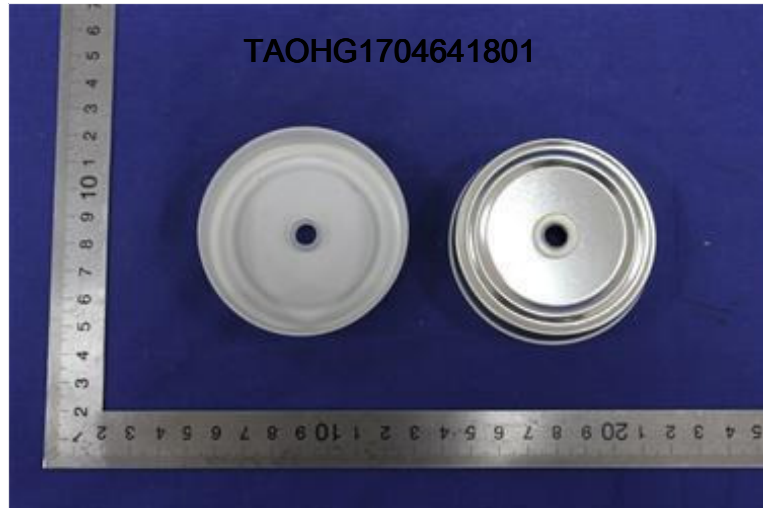
Date: 17 Oct 2017

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Notes :

- (1) These test was subcontracted to SGS Shanghai chemical lab.

Sample photo:



TAO17-046418.001



SGS authenticate the photo on original report only

*** End of Report ***



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