

TEST REPORT

APPLICANT : Xindao B.V.

ADDRESS : P.O. Box 3082, 2280 GB, Rijswijk, The Netherlands

SAMPLE DESCRIPTION : Leak proof tumbler SS

ITEM NO. : P432. 42

COUNTRY OF ORIGIN : China

COUNTRY OF DESTINATION : Europe

SAMPLE RECEIVED DATE : 25-Nov-2014

FURTHER INFORMATION DATE : 05-Dec-2014

TURN AROUND TIME : 05-Dec-2014 to 05-Dec-2014, 1 Working Day

The following test item(s) was/were performed on selected sample(s) and/or component(s) appointed by applicant.

TEST REQUESTED	RESULT
- Total Cadmium Content	Pass
- Bisphenol-A Content	See Test Result
- Based on the document ZEK 01.4-08 issued by the Central Experience Exchange Committee (ZLS-ZEK) – PAHs Content	Pass
- Entry 50 of Regulation (EU) No 1272/2013 amending Annex XVII of REACH Regulation (EC) No 1907/2006 – PAHs Content	Pass

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***** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) *****

Signed for and on behalf of
Eurofins Product Testing Service (Shanghai) Co., Ltd



Chris Zhang
Technical Manager

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SAMPLE PHOTO



EFSH14111972-CG-01

TO BE CONTINUED

COMPONENT LIST

Component No.	Component
1	Black plastic body
2	Black plastic lid

TO BE CONTINUED

TEST RESULT

Total Cadmium Content

Test method : With reference to EN 1122: 2001, Method B, analysis was performed by ICP-OES.

Limit : Commission Regulation (EU) No 835/2012 amending Annex XVII of REACH Regulation (EC) No 1907/2006-Cadmium (Cd).

Tested Item(s)	Test Result (%)	M.D.L.(%)	Limit(%)
	1+2		
Total Cadmium (Cd)	ND	0.0005	0.01

Note:

M.D.L. = method detection limit

ND = not detected, less than M.D.L.

Remark:

According to client's request, tests are combination tests. The experimental results are the total result of mixed samples.

Bisphenol A Content

Limit : With reference to EPA 3550C:2007, EPA 8270D:2007, analysis was performed by GC-MS.

Tested Item(s)	CAS No.	Unit	MDL	Result
				1
Bisphenol A	80-05-7	mg/kg	0.1	ND

Note:

mg/kg = milligram per kilogram

MDL = method detection limit

ND = Not detected, less than MDL

TO BE CONTINUED

TEST RESULT

Polycyclic Aromatic Hydrocarbons (PAHs)

Test specification : 18 Polycyclic Aromatic Hydrocarbons in polymers (PAHs) (defined in US EPA Method 610, and also Based on the document ZEK 01.4-08)

Test method : Solvent extraction and quantification by gas chromatography-mass selective detection (GC-MS) with respect to ZEK 01.4-08

Requirement : ZLS-ZEK 01.4-08 (table 1): Limits for PAH in products. see below:

Parameter	Category 1 Materials intended to be put in the mouth, or toys for children<36 months	Category 2 Materials with foreseeable contact to skin for longer than 30 seconds (long-term skin contact) and toys not covered by category 1	Category 3 Materials with foreseeable contact to skin up to 30 seconds (short-term skin contact) or without skin contact
Benzo(a)pyrene(mg/kg)	<0.2	1	20
Sum 18 PAHs(mg/kg)	<0.2	10	200
Parameter	CAS No.	Unit	Result
Group PAHs	--	mg/kg	1+2 ND
Acenaphthene	83-32-9	mg/kg	ND
Acenaphthylene	208-96-8	mg/kg	ND
Anthracene	120-12-7	mg/kg	ND
Benzo(a)anthracene	56-55-3	mg/kg	ND
Benzo(a)pyrene	50-32-8	mg/kg	ND
Benzo(b)fluoranthene	205-99-2	mg/kg	ND
Benzo(ghi)perylene	191-24-2	mg/kg	ND
Benzo(k)fluoranthene	207-08-9	mg/kg	ND
Chrysene	218-01-9	mg/kg	ND
Dibenzo(a,h)anthracene	53-70-3	mg/kg	ND
Fluoranthene	206-44-0	mg/kg	ND
Fluorene	86-73-7	mg/kg	ND
Indeno(1,2,3-cd)pyrene	193-39-5	mg/kg	ND
Naphthalene	91-20-3	mg/kg	ND
Phenanthrene	1985-1-8	mg/kg	ND
Pyrene	129-00-0	mg/kg	ND
Benzo(j)fluoranthene	205-82-3	mg/kg	ND
Benzo(e)pyrene	192-97-2	mg/kg	ND
Summary to above mentioned requirement:	For Category 2 skin contact more than 30 sec		Pass

Note:

mg/kg = milligram per kilogram

ND=not detected, less than 0.2 mg/kg

Remark:

According to client's request, tests are combination tests. The experimental results are the total result of mixed samples.

TO BE CONTINUED

TEST RESULT

Polycyclic Aromatic Hydrocarbons (PAHs)

Test Requested : To determine the Polycyclic Aromatic Hydrocarbons (PAHs) content of the submitted sample in accordance with Entry 50 of Regulation (EU) No 1272/2013 amending Annex XVII of REACH Regulation (EC) No 1907/2006.

Test Method : With reference to ISO 18287:2006, Analysis was performed by GC/MS.

Test Item(s)	Result (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
	1+2		
Benzo(a)anthracene	ND	0.1	1
Chrysene	ND	0.1	1
Benzo(b)fluoranthene	ND	0.2	1
Benzo(j)fluoranthene			
Benzo(k)fluoranthene	ND	0.1	1
Benzo(a)pyrene	ND	0.1	1
Dibenzo(a,h)anthracene	ND	0.1	1
Benzo(e)pyrene	ND	0.1	1

Note :

- (1) ND = Not detected
- (2) MDL = Method Detection Limit
- (3) According to client's request, tests are combination tests. The experimental results are the total result of mixed samples.

*** END OF THE REPORT ***