

TEST REPORT

APPLICANT : CSP INC
ADDRESS : 8248 W. ORANGE DR GLENDALE, AZ 85303 USA
SAMPLE DESCRIPTION : FAMILY MUG (STAINLESS STEEL)-M D
STYLE / ITEM NO. : K12-502
BUYER : KIDS' KORNER
AGE REQUESTED ON APPLICATION FORM : 3+
SAMPLE RECEIVED DATE : MAY 16, 2016; MAY 17, 2016
TEST PERIOD : MAY 18, 2016 TO MAY 23, 2016
RESULT SUMMARY :

TEST(S) REQUESTED BY APPLICANT:	RESULT
- Total Lead Content according to US Consumer Product Safety Improvement Act 2008 (CPSIA).	PASS
- Total Lead Content according to California Proposition 65, Marin Superior Court, CIV 091146	PASS
- Determining the amount of extractives - US FDA 21 CFR 177.1520	PASS
- Determining the amount of Net Chloroform Soluble Extractives - US FDA 21 CFR 177.1210	PASS
- Total Pb, As, Cd, Hg content - NSF/ANSI 51-2012 Food Equipment Materials	PASS

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

SIGNED FOR AND ON BEHALF OF
EUROFINS TESTING TECHNOLOGY (SHENZHEN) CO. LTD.



Harry Chen
Assistant Lab Manager



Coco Luo
Assistant Lab Manager



This test report is valid for the tested samples only. Without permission of the test center this test report is not permitted to be duplicated in extracts.
This test report does not entitle to carry any safety mark on this or similar products.

Material list

Testing material No.	Component	Material	Colour
1	Bottle	Metal	Silvery
2	Cover	Plastic	Transparent
3	Bottom	Foam/glue	Black/clear
4	Lid and handle	Plastic/PP	Black
5	Gasket	Plastic/silicone	White

Total Lead Content (CPSIA)

Test method : CPSC-CH-E1001-08.3; CPSC-CH-E1002-08.3
 The sample was digested with acid. Then the lead content was determined by Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES).

Limit : For surface coating materials: 90 mg/kg
 For non-surface coating (substrate): 100 mg/kg
 - according to US Consumer Product Safety Improvement Act 2008 (CPSIA Sec.101).

Detection limit : 10 ppm

Test No.	Material No.	Test result (mg/kg)
Pb-1	1	N.D.
Pb-2	2	N.D.
Pb-3	3	N.D.
Pb-4	4	N.D.
Pb-5	5	N.D.

Note: - 1 mg/kg = 1 ppm = 0.0001%
 - N.D. = Not Detected

TO BE CONTINUED

Eurofins Testing Technology (Shenzhen) Co. Ltd.

4/F, Building# 3, Runheng Dingfeng Industrial Park, No.1 Liuxian 3rd Road, Bao'an District, Shenzhen, P.R. China
 Tel.: +86 755 8358 5700 • Fax: +86 755 8358 5701 • Email: info.hk@eurofins.com • Website: www.eurofins.com / www.pt.eurofins.com

Total Lead Content (California Proposition 65)

Test method : CPSC-CH-E1001-08.3; CPSC-CH-E1002-08.3
 The sample was digested with acid. Then the lead content was determined by Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES).

Limit : 300 ppm - according to California Proposition 65, Marin Superior Court, CIV 091146

Detection limit : 10 ppm

Test No.	Material No.	Test result (ppm)
Pb-1	1	N.D.
Pb-2	2	N.D.
Pb-3	3	N.D.
Pb-4	4	N.D.
Pb-5	5	N.D.

Note: - 1 mg/kg = 1 ppm = 0.0001%
 - N.D. = Not Detected

Determining the amount of extractives - US FDA 21 CFR 177.1520

Test method and limit with reference to US FDA 21 CFR 177.1520.

Test Sample		4	Detection Limit (%)	Limit (%)
Extractant	Test condition	Test result (%)		
n-Hexane	Reflux temperature for 2 hours	0.6	0.1	6.4
Xylene	Dissolve the sample at 120°C and then cool at 25°C for 1 hours	2.2	0.1	9.8

Note: - % = percentage by weight
 - °C = degrees Celsius

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Determining the amount of Net Chloroform Soluble Extractives - US FDA 21 CFR 177.1210

Test method and limit with reference to US FDA 21 CFR 177.1210.

Test Sample		5	Detection Limit (mg/kg)	Limit (mg/kg)
Extractant	Test condition	Test result (mg/kg)		
Distilled water	Fill boiling, cool to 100 °F	N.D.	10	50

Note: - 1 mg/kg = 1 ppm = 0.0001%
 - °F = degrees Fahrenheit
 - N.D. = Not Detected

Total Pb, As, Cd, Hg content

Test method and limit with reference to NSF/ANSI 51-2012 Food Equipment Materials.

Test Material No.		1	Detection Limit	Limit
Parameter	Unit	Test result		
Lead (Pb)	mg/kg	N.D.	10	N.D.
Arsenic (As)	mg/kg	N.D.	10	N.D.
Cadmium (Cd)	mg/kg	N.D.	10	N.D.
Mercury (Hg)	mg/kg	N.D.	10	N.D.

Note: - 1 mg/kg = 1 ppm = 0.0001%
 - N.D. = Not Detected

Other Information / Remark:

- Combining report: EFSN16050704C-C.

TO BE CONTINUED

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Photo Attachment

FAMILY MUG (STAINLESS STEEL)-M D



END OF THE REPORT