



Test Report

Report No. : WTH19H01003965C-2

Date: Feb. 15, 2019

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Applicant: BAREBONES SYSTEMS, LLC.

Address: 1215 East Wilmington Avenue - Ste. 140 Salt Lake City, UT 84106

Report on the submitted sample(s) said to be:

Sample Name: Enamel Mug

Sample Description: 1.Copper metal binding gray enamel mug
2.Copper metal binding

Sample Material: Enamel glaze, Stainless steel binding ring

Sample No.: WTH19H01003965C01

Sample Received Date: Feb. 11, 2019

Testing Period: Feb. 11, 2019 - Feb. 15, 2019

Test Method: Please refer to the following page(s).

Test Result: Please refer to the following page(s).

Test Requested:	Conclusion
1.As specified by client, to determine the extractable Lead(Pb), Cadmium(Cd) with reference to the demand of US FDA guidance 7117.07(11/29/05) and 7117.06(11/29/05).	PASS
2.As specified by client, to determine the Leachable Arsenic(As), Cadmium(Cd), Lead(Pb) and Mercury(Hg) content in the submitted sample with reference to the American Food and Drug Administration(FDA) General Recognized As Safe (GRAS) Specification.	PASS

Signed for and on behalf of HCT

Daniel Li

Daniel Li



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Test Result(s):

1. US FDA guidance and CPG 7117. 06&07- Leachable Cadmium(Cd), Lead(Pb) content

Test Method: Refer to AOAC 973.82(2005)

Test Condition: Acetic acid 4%, 24hours / 22℃

Unit: µg/mL

Tested Items	MDL	Results						Limit
		1						
		A	B	C	D	E	F	
Extractable Lead	0.1	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.5
Extractable Cadmium	0.01	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	0.5

Note:

µg/mL=microgramme per milliliter

MDL=Method Detection Limit

N.D.=Not Detected(less than method detection limit

The limit from CPG 7117.06 &CPG 7117.07.

Soak volume is 500 ml.

CPG 7117.06

Category	Criteria	Limit(µg/mL)
		Extractable Cadmium
Flatware	average of 6 units	0.5
Small Hollowware	any one of 6 units	0.5
Large Hollowware	any one of 6 units	0.25

CPG 7117.07

Category	Criteria	Limit(µg/mL)
		Extractable Lead
Flatware	average of 6 units	3.0
Small Hollowware other than cups and mugs	any one of 6 units	2.0
Cups/mugs	any one of 6 units	0.5
Large Hollowware other than pitchers	any one of 6 units	1.0
Pitchers	any one of 6 units	0.5



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2. US FDA GRAS- Leachable Arsenic(As), Cadmium(Cd), Lead(Pb) and Mercury(Hg) content

Unit: mg/L

Test Items	Test Method/ Equipment	MDL	Content	Limit
			2	
Leachable Arsenic(As)	4% Acid extraction, ICP-OES	0.1	N.D.	Banned
Leachable Cadmium(Cd)		0.1	N.D.	Banned
Leachable Lead(Pb)		0.1	N.D.	Banned
Leachable Mercury(Hg)		0.1	N.D.	Banned

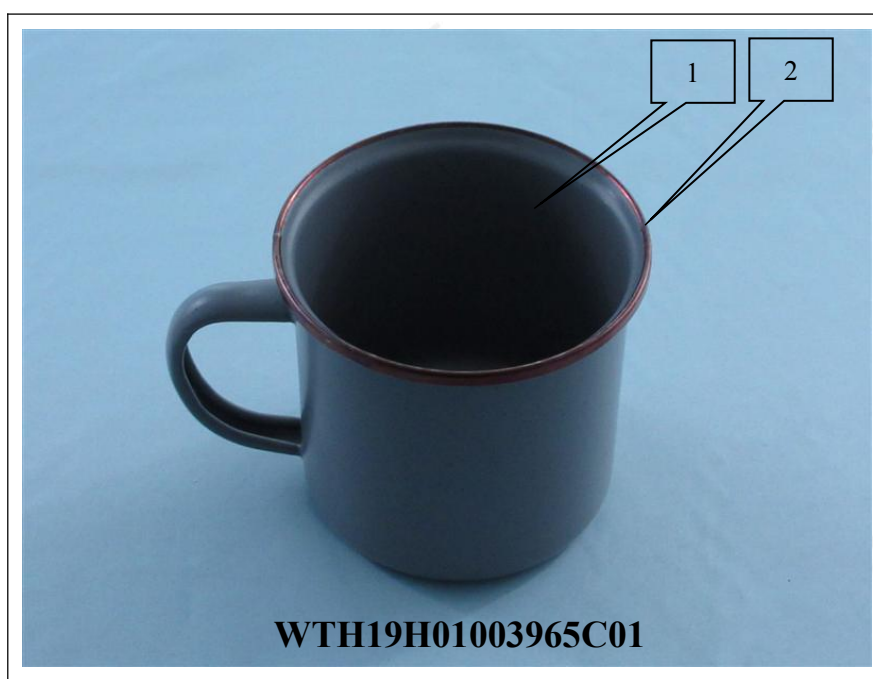
Note:

mg/L=milligrams per litre

MDL=method detection limit

N.D.=not detected(less than method detection limit)

The photo of the sample



End

This report will go into effect with HCT stamp. This report could not be revised. This report is only responsible for the test result of submitted samples. Without written authorization, any copy of this report for propaganda is invalid.

