Test Report Number: GZHH00375257

Applicant: BAREBONES SYSTEMS,LLC.
1215 EAST WILMINGTON AVENUE -STE.
140 SALT LAKE CITY UT 84106

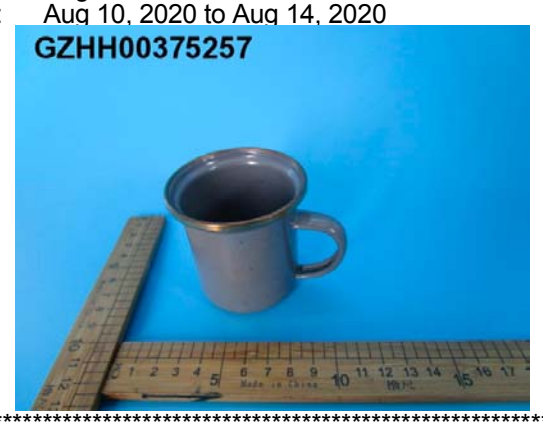
Date: Aug 18, 2020

Attn: VIAN

Sample Description:

One(1) style of submitted sample said to be :

Item Name	:	**Enamel Espresso Cup Set**
Item No.	:	**CKW-375**
Date Sample Received	:	Aug 10, 2020
Testing Period	:	Aug 10, 2020 to Aug 14, 2020



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Tests conducted:

As requested by the applicant, refer to attached page(s) for details.

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To be continued

Intertek Testing Services Shenzhen Limited, Guangzhou Branch
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Conclusion:

Tested Article	Standard	Result
Tested component of Submitted samples	European Council Directive 84/500/EEC Article 2 and Commission Directive 2005/31/EC and Regulation 1935/2004 on leachable Lead and Cadmium released from ceramic article intended to come into contact with foodstuff	See comment
	EU Technical Guide Council of Europe Resolution CM/Res(2013)9 on metals and alloys Used in Food Contact Materials and Articles on specific migration of heavy metal	Pass

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Comment: The scope of the standard was not applicable to the submitted samples. Testing was conducted with reference to the test method and requirements as stated.

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Authorized by:
For Intertek Testing Services Shenzhen Ltd.
Guangzhou Branch, Hardlines

Victor T.J. Wang
Assistant General Manager

Intertek Testing Services Shenzhen Limited, Guangzhou Branch
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Tests Conducted

1 Leachable Lead and Cadmium Content - Internal Surface

As per European Council Directive 84/500/EEC and Commission Directive 2005/31/EC by Atomic Absorption Spectrophotometric (AAS) analysis.

Test condition: 4% acetic acid, 20-24°C , 24 hours

Tested Sample/ component(1)：

Tested Specimen	Leaching Volume (ml)	Result	
		Lead	Cadmium
		mg/l	mg/l
(1)	140	ND(<0.05)	ND(<0.03)
(2)	140	ND(<0.05)	ND(<0.03)
(3)	140	ND(<0.05)	ND(<0.03)
(4)	140	ND(<0.05)	ND(<0.03)
Limit (category 2/3) :		4/1.5	0.3/0.1

ND = Not detected

Tested Component : (1) Grey/black enamel (inner body).

2 Release Testing on Metals and Alloys Used in Food Contact Materials and Articles

With reference to EU Technical Guide “Council of Europe Resolution CM/Res(2013)9 on metals and alloys Used in Food Contact Materials and Articles”. Migration test was carried out and heavy metal content was determined by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES) and Inductively Coupled Plasma Mass Spectrometer (ICP-MS) .

I. Test Condition:

Temperature: 70 °C Time: 2 hours

II. Test Result:

Food simulant: Citric acid (5 g/L)

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Tests Conducted

Tested component (1) :							
Elements	Result 1st test (mg/kg)	Result 2nd test (mg/kg)	Result 1st test+Result 2nd test (mg/kg)	Result 3rd test (mg/kg)	Reporting Limit (mg/kg)	7*Limit (mg/kg)	Limit (mg/kg)
Silver (Ag)	ND	ND	ND	ND	0.05	0.56	0.08
Aluminium (Al)	ND	ND	ND	ND	1	35	5
Chromium (Cr)	0.05	ND	0.05	ND	0.02	1.75	0.250
Cobalt (Co)	ND	ND	ND	ND	0.01	0.14	0.02
Copper (Cu)	ND	ND	ND	ND	0.5	28	4
Iron (Fe)	2	ND	2	ND	1	280	40
Manganese (Mn)	ND	ND	ND	ND	0.1	12.6	1.8
Molybdenum(Mo)	ND	ND	ND	ND	0.02	0.84	0.12
Nickel (Ni)	0.1	ND	0.1	ND	0.1	0.98	0.14
Tin (Sn)	ND	ND	ND	ND	10	700	100
Vanadium (V)	ND	ND	ND	ND	0.005	0.07	0.01
Zinc (Zn)	ND	ND	ND	ND	1	35	5
Antimony (Sb)	ND	ND	ND	ND	0.01	0.28	0.04
Arsenic (As)	ND	ND	ND	ND	0.001	0.014	0.002
Barium (Ba)	ND	ND	ND	ND	0.1	8.4	1.2
Beryllium (Be)	ND	ND	ND	ND	0.01	0.07	0.01
Cadmium (Cd)	0.002	ND	0.002	ND	0.001	0.035	0.005
Lead (Pb)	ND	ND	ND	ND	0.005	0.070	0.010
Lithium (Li)	ND	ND	ND	ND	0.010	0.336	0.048
Mercury (Hg)	ND	ND	ND	ND	0.003	0.021	0.003
Thallium (Tl)	ND	ND	ND	ND	0.0001	0.0007	0.0001
Magnesium(Mg)	ND	ND	ND	ND	1	-	-
Titanium(Ti)	ND	ND	ND	ND	1	-	-

ND = Not detected(less than reporting limit)

Remark：The submitted sample is a repeated use article. The migration test was carried out three times on the same article. The sum of the results of the first and second tests should not exceed seven times the limit (Result 1st test + Result 2nd test < 7 * limit) and the Result 3rd test shouldn't exceed the limit.

Ratio of food contact surface area to volume of component (1) used to establish the compliance of material or article = 0.65 dm^2 : 108mL.

Tested component：(1) Copper color stainless steel (rim of cup).

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End of report

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