



**BUREAU
VERITAS**

TEST REPORT

C.C: ZIBO DIZHE INTERNATIONAL TRADING CO.,
LTD
ADDRESS: 113#ZHONGRUN ROAD, 412# ROOM,
FUSHAN BUILDING, ZIBO CITY

LAB NO.: (9021)313-0200
DATE IN: NOV. 09, 2021
DATE MODIFIED: /
DATE OUT: NOV. 17, 2021
NO. OF WORKING DAYS: 7
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OVERALL RATING

SATISFACTORY _____ **X**
UNSATISFACTORY _____
DATA _____

Vendor:	ZIBO DIZHE INTERNATIONAL TRADING CO., LTD	Agent:	/
Raw Material Supplier:	/	Factory/Manufacturer:	/
P.O. No.:	/	Style No.:	1628-47WH,1628-47BK
Sample Description:	CERAMIC MUG	SKU#:	1628-47WH,1628-47BK
Color:	/	Country of Origin:	CHINA
Buyer Name:	BULLET	Submitted Size:	/
Submitted Amount:	/	End Use:	/
Country of Distribution	USA	Others:	/

Product Category:	/
Test Requested:	SEE BELOW
Previous Report No.:	/

TEST PROPERTY	PASS	FAIL	DATA	COMMENTS
Extractable Lead and Cadmium Content in Interior of Ceramicware - United States Food and Drug Administration (FDA) Compliance Policy Guides (CPG), Sections 545.400 (CPG 7117.06) and 545.450 (CPG 7117.07)	X			
Extractable Lead and Cadmium in Ceramicware- California Proposition 65	X			
Extractable Lead and Cadmium in Tableware - California Health and Safety Code Section 108860	X			
Extractable Lead and Cadmium Content from External Decoration in Lip and Rim Area - Society of Glass and Ceramic Decorators (SGCD)	X			
Extractable Lead and Cadmium Content from External Decoration in Lip and Rim Area - California Proposition 65	X			
Total Lead Content in Substrate - United States Consumer Product Safety Improvement Act (CPSIA) Section 101(a)(2)	X			
Extractable Lead and Cadmium in Ceramic and Glass - CCPSA Glazed Ceramics and Glassware Regulations -SOR/2016-175 Sec.2	X			
Extractable Lead and Cadmium in Lip and Rim - Glazed Ceramic and Glassware Regulation - SOR/2016-175 Sec.3	X			

Remark:

The client specifies the test method and requirement.

BVCPS (SHANGHAI)-QINGDAO BRANCH CONTACT INFORMATION FOR THIS REPORT

Enquiry and invoicing:

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Bureau Veritas
Consumer Products Services (Shanghai)-Qingdao Branch



Anderson Zhang
Qingdao Hardline Reporting Manager

TEST RESULT

Test Item(s)	Item / Component Description(s)	Location(s)	Style(s)
I001	Ceramic Mug	-	A
I002	Ceramic Mug	-	B

1.Extractable Lead and Cadmium Content in Interior of Ceramicware - United States Food and Drug Administration (FDA) Compliance Policy Guides (CPG), Sections 545.400 (CPG 7117.06) and 545.450 (CPG 7117.07)

Test Method : AOAC 973.32 (2007) / ASTM C738-94 (R2020)

Extractable Element(s)		Pb	Cd
Maximum Allowable Limit (mg/L) (Average of 6 trials)	Type I – Flatware	3.0	0.5
	Type II - Small hollowware	2.0	0.5
	Type III - Large hollowware	1.0	0.25
	Type IV - Cup and mug	0.5	0.5*
	Type V - Small pitcher	0.5	0.5*
	Type VI - Large pitcher	0.5	0.25^

		Result		
Test Item(s)	-	I001		
Type		IV		
Parameter	Internal Depth	Leaching Volume	Lead (Pb)	Cadmium (Cd)
Unit	Mm	mL	mg/L	mg/L
Test Sample(s) / Trial(s)	-	-	-	-
Trial 1	75	450	<0.05	<0.01
Trial 2	75	450	<0.05	<0.01
Trial 3	75	450	<0.05	<0.01
Trial 4	75	450	<0.05	<0.01
Trial 5	75	450	<0.05	<0.01
Trial 6	75	450	<0.05	<0.01
Average	-	-	<0.05	<0.01
Conclusion	PASS			

-	Result			
Test Item(s)	I002			
Type	IV			
Parameter	Internal Depth	Leaching Volume	Lead (Pb)	Cadmium (Cd)
Unit	Mm	mL	mg/L	mg/L
Test Sample(s) / Trial(s)	-	-	-	-
Trial 1	75	450	<0.05	<0.01
Trial 2	75	450	<0.05	<0.01
Trial 3	75	450	<0.05	<0.01
Trial 4	75	450	<0.05	<0.01
Trial 5	75	450	<0.05	<0.01
Trial 6	75	450	<0.05	<0.01
Average	-	-	<0.05	<0.01
Conclusion	PASS			

Note/Key : ND = Not detected “<” = less than mm = millimeter(s)
 mg/L = milligram(s) per liter = ppm = part(s) per million mL = milliliter(s)
 Detection Limit (mg/L) : Pb 0.050; Cd 0.010

Remark:

- Product(s) with extractable lead content and (or) extractable cadmium content exceeding the corresponding maximum allowable limit has (have) to comply with the warning utilization requirement.

2. Extractable Lead and Cadmium in Ceramicware- California Proposition 65

Test Method : AOAC 973.32 (2007) / ASTM C738-94 (R2020)

Extractable Element(s)		Pb	Cd
Maximum Allowable Limit (mg/L) (Any 1 of 12 trials)	Type I – Flatware	0.226	1.853
	Type II - Small hollowware	0.100	0.189
	Type III - Large hollowware	0.100	0.049

-	Result			
Test Item(s)	I001			
Type	II			
Parameter	Internal Depth	Leaching Volume	Lead (Pb)	Cadmium (Cd)
Unit	Mm	mL	mg/L	mg/L
Test Sample(s) / Trial(s)	-	-	-	-
Trial 1	75	450	ND	ND
Trial 2	75	450	ND	ND
Trial 3	75	450	ND	ND
Trial 4	75	450	ND	ND
Trial 5	75	450	ND	ND
Trial 6	75	450	ND	ND
Trial 7	75	450	ND	ND
Trial 8	75	450	ND	ND
Trial 9	75	450	ND	ND
Trial 10	75	450	ND	ND
Trial 11	75	450	ND	ND
Trial 12	75	450	ND	ND
Conclusion	PASS			

3. Extractable lead and cadmium in tableware - California health and safety code section 108860

Test Method : AOAC973.32:2007

Extractable Element(s)	Pb	Cd
Type IV - Cup and mug	0.5	0.5*

		Result		
Test Item(s)		I001		
Type		IV		
Parameter	Internal Depth	Leaching Volume	Lead (Pb)	Cadmium (Cd)
Unit	Mm	mL	mg/L	mg/L
Test Sample(s) / Trial(s)	-	-	-	-
Trial 1	75	450	<0.05	<0.01
Trial 2	75	450	<0.05	<0.01
Trial 3	75	450	<0.05	<0.01
Trial 4	75	450	<0.05	<0.01
Trial 5	75	450	<0.05	<0.01
Trial 6	75	450	<0.05	<0.01
Average	-	-	-	-
Conclusion		PASS		

		Result		
Test Item(s)		I002		
Type		IV		
Parameter	Internal Depth	Leaching Volume	Lead (Pb)	Cadmium (Cd)
Unit	Mm	mL	mg/L	mg/L
Test Sample(s) / Trial(s)	-	-	-	-
Trial 1	75	450	<0.05	<0.01
Trial 2	75	450	<0.05	<0.01
Trial 3	75	450	<0.05	<0.01
Trial 4	75	450	<0.05	<0.01
Trial 5	75	450	<0.05	<0.01
Trial 6	75	450	<0.05	<0.01
Average	-	-	-	-
Conclusion		PASS		

Note/Key : ND = Not detected “>” = Greater than mm = millimeter(s)
 mg/L = milligram(s) per liter = ppm = part(s) per million mL = milliliter(s)
 Detection Limit (mg/L) : Pb 0.050; Cd 0.010

7. Extractable Lead and Cadmium in Ceramic and Glass - CCPSA Glazed Ceramics and Glassware

Regulations -SOR/2016-175 Sec.2

Test Method : ISO 6486-1:1999

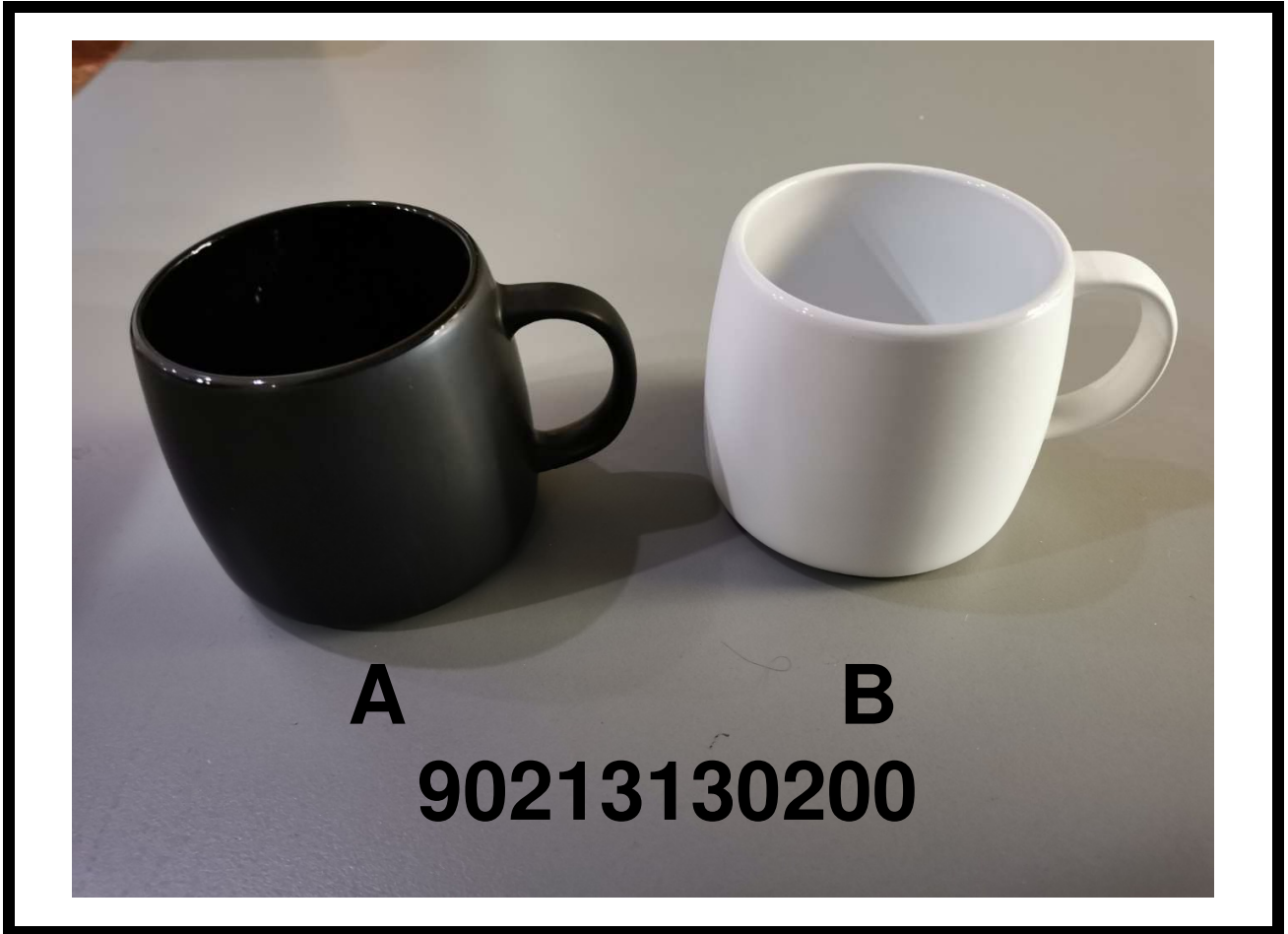
Extractable Element(s)		Pb	Cd
Maximum Allowable Limit (mg/L) (Average of 6 trials)	Type I – Flatware	3.0	0.5
	Type II - Small hollowware	2.0	0.5
	Type III - Large hollowware	1.0	0.25
	Type IV - Cup and mug	0.5	0.5
	Type V - Pitcher	0.5	0.25

		Result		
Test Item(s)		I001		
Type		IV		
Parameter	Internal Depth	Leaching Volume	Lead (Pb)	Cadmium (Cd)
Unit	Mm	mL	mg/L	mg/L
Test Sample(s) / Trial(s)	-	-	-	-
Trial 1	75	450	<0.05	<0.01
Trial 2	75	450	<0.05	<0.01
Trial 3	75	450	<0.05	<0.01
Trial 4	75	450	<0.05	<0.01
Trial 5	75	450	<0.05	<0.01
Trial 6	75	450	<0.05	<0.01
Average	-	-	<0.05	<0.01
Conclusion		PASS		

		Result		
Test Item(s)		I002		
Type		IV		
Parameter	Internal Depth	Leaching Volume	Lead (Pb)	Cadmium (Cd)
Unit	Mm	mL	mg/L	mg/L
Test Sample(s) / Trial(s)	-	-	-	-
Trial 1	75	450	<0.05	<0.01
Trial 2	75	450	<0.05	<0.01
Trial 3	75	450	<0.05	<0.01
Trial 4	75	450	<0.05	<0.01
Trial 5	75	450	<0.05	<0.01
Trial 6	75	450	<0.05	<0.01
Average	-	-	<0.05	<0.01
Conclusion		PASS		

Note/Key : ND = Not detected “<” = less than mm = millimeter(s)
 mg/L = milligram(s) per liter = ppm = part(s) per million mL = milliliter(s)
 Detection Limit (mg/L) : Pb 0.050; Cd 0.010

Original Sample



END