

Test Report

Client : Flashbay Electronics Huizhou
Building2, Jixun Industrial Park, Xinjiao, Dong'ao Village, Shatian
Town, Huiyang District, Huizhou City, Guangdong Province, P.R.
China

Product Name : Travel cup
Type(s) : Carabrew(CRB)
Reference Information : Refer to Annex

The information and sample(s) above were submitted and identified by or on behalf of the client.

Sample Received : 2026-04-21
Testing Period : 2026-04-21 to 2026-05-14

<u>Test Requested</u>		<u>Result</u>
1.	EDQM 2nd Edition 2024 Technical guide for manufacturers and regulators on metals and alloys Used in Food Contact Materials and Articles	
	- Extractable heavy metals (24 elements)	PASS


Signed for and on behalf of
DEKRA Testing and Certification (Shanghai) Ltd., Guangzhou branch



Devin Ai
Approver

Picture of Sample Tested

Tested Sample Description:

No.	Specimen Description	Material(s) (claimed by applicant)	Photo
1.	Travel Cup	AISI304	

TEST RESULTS

1. EDQM 2nd Edition Technical guide for manufacturers and regulators on metals and alloys Used in Food Contact Materials and Articles

Extractable heavy metals (24 elements)

With reference to EQDM 2nd Edition 2024 on metals and alloys used in food contact materials and articles. Analyzed by inductively coupled plasma optical emission spectrometer (ICP-OES) and inductively coupled plasma mass spectrometer (ICP-MS).

Parameter	Result(s) of 1 st + 2 nd Migration (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
	(1)		
Aluminium (Al)	N.D.	0.2	35
Barium (Ba)	N.D.	0.2	8.4
Chromium (Cr)	0.122	0.1	7
Copper (Cu)	N.D.	0.2	28
Iron (Fe)	7.708	0.2	280
Manganese (Mn)	N.D.	0.2	3.85
Nickel (Ni)	N.D.	0.1	0.98
Molybdenum (Mo)	N.D.	0.1	0.84
Magnesium (Mg)	N.D.	0.2	--
Titanium (Ti)	N.D.	0.2	--
Tin (Sn)	N.D.	2	700
Zinc (Zn)	N.D.	0.2	35
Zirconium (Zr)	N.D.	0.2	14
Beryllium (Be)	N.D.	0.02	0.07
Antimony (Sb)	N.D.	0.02	0.28
Mercury (Hg)	N.D.	0.004	0.021
Lithium (Li)	N.D.	0.02	0.336
Cobalt (Co)	N.D.	0.02	0.14
Silver (Ag)	N.D.	0.02	0.56
Lead (Pb)	N.D.	0.02	0.07
Vanadium (V)	N.D.	0.02	0.07
Arsenic (As)	N.D.	0.004	0.014
Cadmium (Cd)	N.D.	0.004	0.035
Thallium (Tl)	N.D.	0.0002	0.007

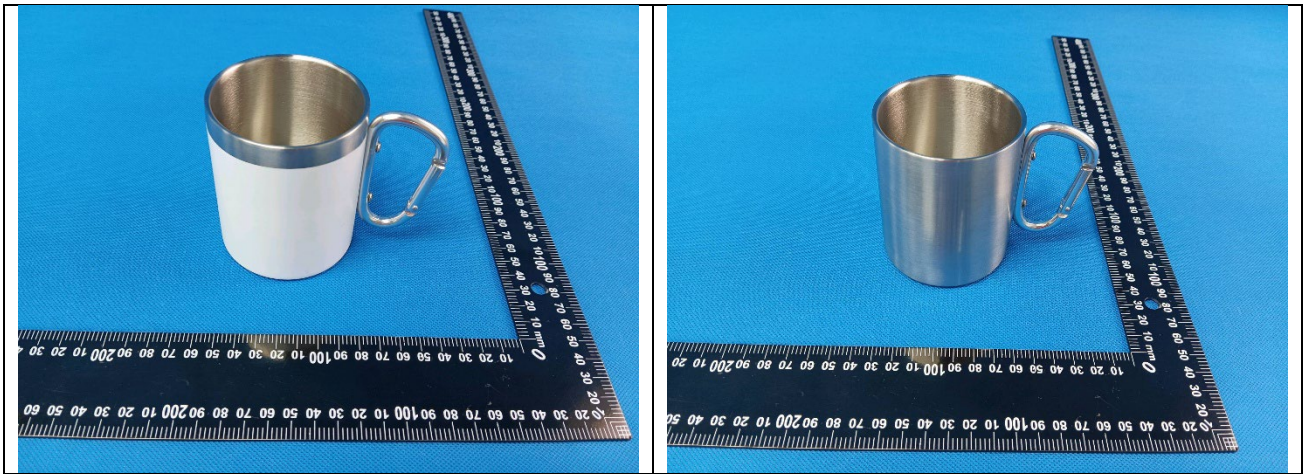
Parameter	Result(s) of 3 rd Migration (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
	(1)		
Aluminium (Al)	N.D.	0.1	5
Barium (Ba)	N.D.	0.1	1.2

Parameter	Result(s) of 3 rd Migration (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
	(1)		
Chromium (Cr)	0.116	0.05	1.0
Copper (Cu)	N.D.	0.1	4
Iron (Fe)	3.921	0.1	40
Manganese (Mn)	N.D.	0.1	0.55
Nickel (Ni)	N.D.	0.05	0.14
Molybdenum (Mo)	N.D.	0.05	0.12
Magnesium (Mg)	N.D.	0.1	--
Titanium (Ti)	N.D.	0.1	--
Tin (Sn)	N.D.	1	100
Zinc (Zn)	N.D.	0.1	5
Zirconium (Zr)	N.D.	0.1	2
Beryllium (Be)	N.D.	0.01	0.01
Antimony (Sb)	N.D.	0.01	0.04
Mercury (Hg)	N.D.	0.002	0.003
Lithium (Li)	N.D.	0.01	0.048
Cobalt (Co)	N.D.	0.01	0.02
Silver (Ag)	N.D.	0.01	0.08
Lead (Pb)	N.D.	0.01	0.01
Vanadium (V)	N.D.	0.01	0.01
Arsenic (As)	N.D.	0.002	0.002
Cadmium (Cd)	N.D.	0.002	0.005
Thallium (Tl)	N.D.	0.0001	0.001

Remark:

1. mg/kg = milligram per kilogram
2. N.D. = Not Detected (below MDL)
3. MDL = Method Detection Limit
4. The test condition was 0.5%Citric acid at 70°C for 2 h.

Annex



^Δ The reference model information is provided by the client and claimed that the identical materials and/or construction as the tested samples are used. The samples displayed here are not tested samples and are for reference only DEKRA Testing and Certification (Shanghai) Ltd., Guangzhou branch takes no liability for information validation.

---End of Report---

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