

CRASTER LIMITED SUITE 218 GREAT WESTERN STUDIOS 65 ALFRED ROAD LONDON W2 5EU

Test Report No. BAN 312062/1 UNITED KINGDOM Issue Date: 09 February 2023 Attn: Ravi Vamadevan

The following sample was submitted and identified by the client as:

Sample Name: Metal - Stainless Steel

Sample Description: Metal - Stainless Steel

Sample Reference: BU_JD0016

Date of Receipt: 18th January 2023

Testing Period: Testing conducted between 1st February 2023 and 8th February 2023

(Please not this testing was conducted at another laboratory within in SGS group of companies)

Test	Conclusion	
1.	Article 3 of European Regulation No. 1935/2004.	
	a) Sensorial Examination - Odour and Taste Test	PASS
2.	Technical Guide on Metals and alloys used in food contact materials of	
	Council of Europe Resolution CM/Res(2013)9	
	a) Metal / Metallic Coating – Extractable Heavy Metals	PASS

Signed for and on behalf of SGS United Kingdom Ltd.

Tracy Lai

Chemical Laboratory Manager

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Test Results:

1. Article 3 of European Regulation No. 1935/2004.

Sensorial Examination - Odour and Taste Test

Method: With reference to DIN 10955:2004-06.

Test Condition : 70°C for 2 hours Test Media : Deionised Water

No. of Panelist : 6

Test Item	Result	Permissible Limit	
restitem	1		
Sensorial examination odour (Intensity scale)	0	< 3	
Sensorial examination taste (Intensity scale)	1.0	< 3	
Comment	PASS		

Specimen Description:

Whole sample

Note: 1. <= less than

2. °C = degree Celsius

Intensity scale (rounded at 0.5):

0 - no perceptible difference

1 - just perceptible difference

2 - slight difference

3 – marked difference

4 – strong difference

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2. Technical Guide on Metals and alloys used in food contact materials of Council of Europe Resolution CM/Res(2013)9

a) Metal / Metallic coating – Extractable heavy metals

Method : Sample preparation in 0.5% citric acid (p/v) in aqueous solution at 70°C for 2 hours with reference to EN13130-1:2004 for selection of test method, followed by analysis using Inductively Coupled Argon Plasma Spectrometry (ICP) and Inductively coupled plasma-mass spectrometry (ICP-MS).

	Unit	Migration Result				Specific
Test Item		1st + 2nd	3 rd Migration	Reporting Limit	7 x SRL	Specific Release Limit (SRL)
		Migration				emm (erte)
Surface area to volume ratio	dm ² /kg	8	8			
Aluminium (Al)	mg/kg	ND	ND	0.2	35	5
Antimony (Sb)	mg/kg	ND	ND	0.02	0.28	0.04
Arsenic (As)	mg/kg	ND	ND	0.001	0.014	0.002
Barium (Ba)	mg/kg	ND	ND	0.25	8.4	1.2
Beryllium (Be)	mg/kg	ND	ND	0.005	0.07	0.01
Cadmium (Cd)	mg/kg	ND	ND	0.002	0.035	0.005
Chromium (Cr)	mg/kg	0.1	ND	0.1	1.75	0.25
Cobalt (Co)	mg/kg	ND	ND	0.01	0.14	0.02
Copper (Cu)	mg/kg	ND	ND	0.1	28	4
Iron (Fe)	mg/kg	3.0	ND	0.25	280	40
Lead (Pb)	mg/kg	0.030	ND	0.005	0.07	0.01
Lithium (Li)	mg/kg	ND	ND	0.02	0.336	0.048
Manganese (Mn)	mg/kg	ND	ND	0.25	12.6	1.8
Mercury (Hg)	mg/kg	ND	ND	0.002	0.021	0.003
Molybdenum (Mo)	mg/kg	ND	ND	0.02	0.84	0.12
Nickel (Ni)	mg/kg	0.06	ND	0.05	0.98	0.14
Silver (Ag)	mg/kg	ND	ND	0.03	0.56	0.08
Thallium (TI)	mg/kg	ND	ND	0.0001	0.0007	0.0001
Tin (Sn)	mg/kg	ND	ND	5	700	100
Vanadium (V)	mg/kg	ND	ND	0.005	0.07	0.01
Zinc (Zn)	mg/kg	ND	ND	1	35	5
Comment	PASS					

Specimen Description:

Silvery metal (Cover, Container)

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Note: 1. mg/kg = milligram per kilogram of foodstuff in contact with

- 2. dm²/kg = square decimeter per kilogram
- 3. °C = degree Celsius
- According to Council of Europe Resolution CM/Res(2013)9, the result from 3rd migration shall comply with the Specific Release Limit (SRL) and the sum of 1st and 2nd migration shall not exceed seven times of SRL for repeated use articles

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5. ND = Not Detected (Lower than reporting limit)

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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. This document cannot be reproduced except in full, without prior approval of the Company.

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Remark:

When statement of conformity is made, unless inherent in the requested specification or instructed by the applicant, the decision rule would be based on the non-binary statement with guard band (is equal to the expanded measurement uncertainty with a 95% coverage probability, $w = U_{95}$) in ILAC-G8:09/2019 Clause 4.2.3.

"Pass - the measured value is within (or below / above) the acceptance limit, where the acceptance limit is below / above to the guard band." or "Pass - The measured values were observed in tolerance at the points tested. The specific false accept risk is up to 2.5%.".

"Fail - the measured value is out of (or below / above) the tolerance limit added / subtracted to the guard band." or "Fail - One or more measured values were observed out of tolerance at the points tested". The specific false reject risk is up to 2.5%.

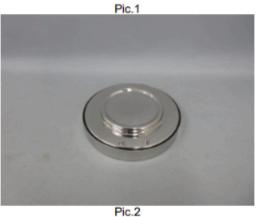
"Inconclusive – It is not possible to state the conformity. Either one or more measured values were observed in the portion of the expanded measurement uncertainty intervals at the points tested where the specific risk is up to 50%."

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Sample Photo:





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