



## Test Report

No.T32120260341SC

Date: May 14, 2021

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CAFELAT LTD.

FLAT C, 4/F, CHEN YIP INDUSTRIAL BUILDING, NO. 5 LAI YIP STREET, KWUN TONG, HONG KONG

The following samples were submitted and identified on behalf of the client as:

CAFELAT TAMPER BASE

SGS Case No. : CA321202605839  
Manufacturer : CAFELAT  
Country of Origin : CHINA  
Country of Destination : WORLDWIDE  
Sample Receiving Date : MAY 07, 2021  
Test Performing Date : MAY 07, 2021 - MAY 14, 2021

Test Requested	Conclusion
<b>German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and Technical Guide on Metals and alloys used in food contact materials of Council of Europe Resolution CM/Res(2013)9. (Selected test as specified by client)</b>	--
a) Metal / Metallic Coating – Extractable Heavy Metals	PASS

\*\*\*\*\* FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) \*\*\*\*\*

Signed for and on behalf of  
SGS Hong Kong Ltd.

Cheung Cheuk Fung, Henry  
Assistant Operations Manager

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## Test Results:

**German Food, Articles of Daily Use and Feed Code of September 1, 2005 (LFGB), Section 30 and 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 artificial tap water at 40°C for 0.5 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).

Test Item	Migration Result		Reporting Limit	7 x SRL	Specific Release Limit (SRL)
	1				
	1 <sup>st</sup> + 2 <sup>nd</sup> Migration	3 <sup>rd</sup> Migration			
Surface area to volume ratio (dm <sup>2</sup> /kg)	6	6	--	--	--
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)	ND	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)	ND	ND	0.25	280	40
Lead (Pb) (mg/kg)	ND	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)	ND	ND	0.05	0.98	0.14
Silver (Ag) (mg/kg)	ND	ND	0.03	0.56	0.08
Thallium (Tl) (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
<b>Comment</b>	PASS		--	--	--

**Sample Description :**

1. Silvery metal (Tamper base)

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- Note :
- 1.mg/kg = milligram per kilogram of foodstuff in contact with
  2. °C = degree Celsius
  3. ND = Not Detected
  4. dm<sup>2</sup>/kg = square decimeter per kilogram
  5. According to Council of Europe Resolution CM/Res(2013)9, the result from 3<sup>rd</sup> migration shall comply with the Specific Release Limit (SRL) and the sum of 1<sup>st</sup> and 2<sup>nd</sup> migration shall not exceed seven times of SRL for repeated use articles

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Remark:

- When statement of conformity is made, unless the decision rule was mentioned in above specified test items, 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%."

**Sample Photo:**



SGS authenticate the photo on original report only

\*\*\* End of Report \*\*\*

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