



Test Report

No.: T31820280413SC

Date: OCT 15, 2018

Page 1 of 3

CAFELAT LTD
FLAT 4C, 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:

ROBOT PISTON

SGS Case No. : CA318202807259
Manufacturer : CAFELAT
Country of Origin : CHINA
Country of Destination : WORLDWIDE
Sample Receiving Date : OCT 04, 2018
Test Performing Date : OCT 04 - 15, 2018

Test Requested : Please refer to the result summary.

Test Method & Results : Please refer to next page(s).

Result Summary :

Test Requested	Conclusion
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)	--
a) Metal / Metallic coating – Extractable heavy metals	PASS

Signed for and on behalf of
SGS Hong Kong Ltd.

Che Wai Leuk, Jerry
Technical Manager

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Test Results :

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 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).

Test Item	Result (mg/kg)		Reporting Limit (mg/kg)	7 x SRL (mg/kg)	Specific Release Limit (SRL) (mg/kg)
	1				
	1 st + 2 nd Migration	3 rd Migration			
Aluminium (Al)	ND	ND	0.2	35	5
Antimony (Sb)	ND	ND	0.02	0.28	0.04
Arsenic (As)	ND	ND	0.001	0.014	0.002
Barium (Ba)	ND	ND	0.25	8.4	1.2
Beryllium (Be)	ND	ND	0.005	0.07	0.01
Cadmium (Cd)	ND	ND	0.002	0.035	0.005
Chromium (Cr)	ND	ND	0.1	1.75	0.25
Cobalt (Co)	ND	ND	0.01	0.14	0.02
Copper (Cu)	ND	ND	0.1	28	4
Iron (Fe)	ND	ND	0.25	280	40
Lead (Pb)	0.006	ND	0.005	0.07	0.01
Lithium (Li)	ND	ND	0.02	0.336	0.048
Manganese (Mn)	ND	ND	0.25	12.6	1.8
Mercury (Hg)	ND	ND	0.002	0.021	0.003
Molybdenum (Mo)	ND	ND	0.02	0.84	0.12
Nickel (Ni)	ND	ND	0.05	0.98	0.14
Silver (Ag)	ND	ND	0.03	0.56	0.08
Thallium (Tl)	ND	ND	0.0001	0.0007	0.0001
Tin (Sn)	ND	ND	5	700	100
Vanadium (V)	ND	ND	0.005	0.07	0.01
Zinc (Zn)	ND	ND	1	35	5
Comment	PASS		--	--	--

Sample Description :

1. Silvery metal (Piston)

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

2. °C = degree Celsius

3. ND = Not Detected

 4. 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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Photo Appendix



*** End of Report ***

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