

**Test Report** No.: HKHL1511048576JL Date: DEC 02, 2015 Page 1 of 3

#### **CAFELAT**

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:

#### MILK PITCHER

SGS Case No. : HKHL151100036847

Style / Item No. : 0.3 L

Manufacturer : CAFELAT

Country of Origin : CHINA

Country of Destination : WORLDWIDE Sample Receiving Date : NOV 25, 2015

Test Performing Date : NOV 25 – DEC 02, 2015

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. |            |  |
| CW/11e3(2013)3.                                                                                                    |            |  |
| a) Metal – 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 – Extractable heavy metals

Method: Sample preparation in artificial tap water at 70 °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).

### For repeated use:

| Test Item       | Result (mg/kg)                                 |                           | Reporting     | 7 v CDI            | Specific Release       |
|-----------------|------------------------------------------------|---------------------------|---------------|--------------------|------------------------|
|                 | 1 <sup>st</sup> + 2 <sup>nd</sup><br>Migration | 3 <sup>rd</sup> Migration | Limit (mg/kg) | 7 x SRL<br>(mg/kg) | Limit (SRL)<br>(mg/kg) |
| 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                                             | 0.5                       | 0.25          | 280                | 40                     |
| Lead (Pb)       | ND                                             | 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 (TI)   | 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                                           |                           |               |                    |                        |

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Test Results (Cont'd):

# Sample Description:

Silvery Metal (Pitcher)

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 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

## **Photo Appendix**



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

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