



# Test Report No. F690101/LF-CTSAYAA22-07012

Issued Date : 2022. 02. 11

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## DUK SAN HI-METAL CO., LTD.

66, Muryong 1-ro  
Buk-gu, Ulsan  
Korea

The following sample(s) was/were submitted and identified by/on behalf of the client as:-

**SGS File No.** : AYAA22-07012  
**Product Name** : Sn/3.0Ag/0.5Cu  
**Item No./Part No.** : N/A  
**Received Date** : 2022. 02. 04  
**Test Period** : 2022. 02. 04 to 2022. 02. 11  
**Test Results** : For further details, please refer to following page(s)

SGS Korea Co., Ltd.

Tommy Oh / Chemical Lab Mgr

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CQP-7080E07 (01)

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**Sample No.** : AYAA22-07012.001  
**Sample Description** : Sn/3.0Ag/0.5Cu  
**Item No./Part No.** : N/A  
**Materials** : N/A

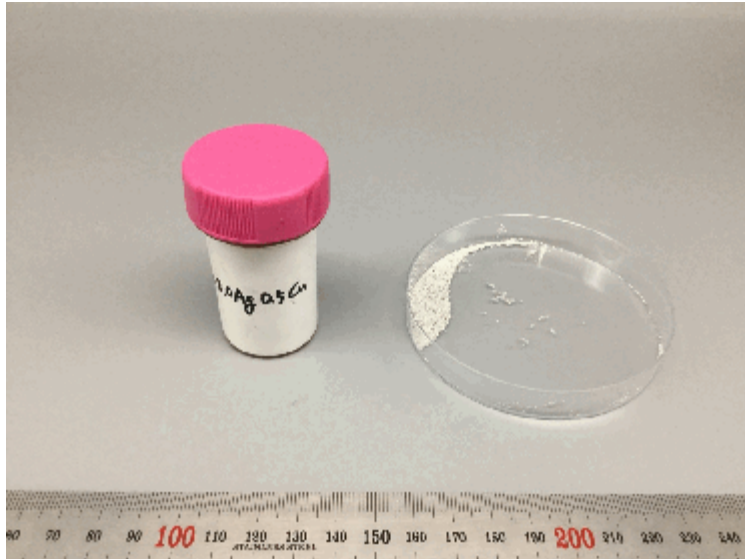
## Halogen Content

Test Items	Unit	Test Method	MDL	Results
Bromine(Br)	mg/kg	With reference to BS EN 14582 : 2016, by IC	30	N.D.
Chlorine(Cl)	mg/kg	With reference to BS EN 14582 : 2016, by IC	30	N.D.
Fluorine(F)	mg/kg	With reference to BS EN 14582 : 2016, by IC	30	N.D.
Iodine(I)	mg/kg	With reference to BS EN 14582 : 2016, by IC	50	N.D.

- NOTE: (1) N.D. = Not detected. (<MDL)  
(2) mg/kg = ppm, ug/kg = ppb, mg/L = ppm  
(3) MDL = Method Detection Limit  
(4) - = No regulation  
(5) \*\* = Qualitative analysis (No Unit)  
(6) Negative = Undetectable / Positive = Detectable  
(7) The results shown in this test report refer only to the sample(s) tested unless otherwise stated.  
This test report is not related to Korea Laboratory Accreditation Scheme.

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Picture of Sample as Received:

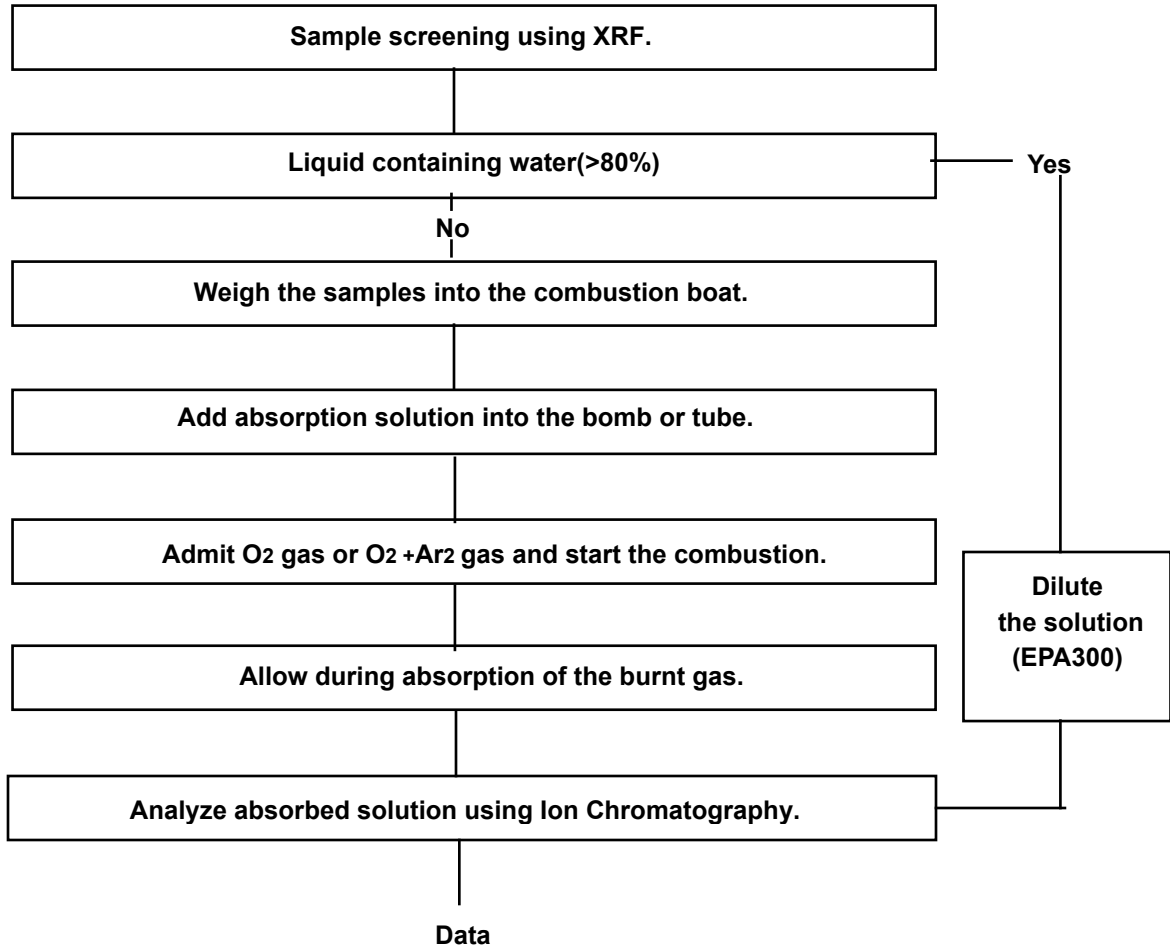


**AYAA22-07012.001**

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### Flow Chart for Halogen Test



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

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