

## TEST REPORT

APPLICANT : DUKSAN Hi-Metal Co., Ltd.  
ADDRESS : 66, Muryong 1-ro, Buk-gu,  
Ulsan, Korea

PAGE: 1 of 4

REPORT NO. RT22R-S1619-002-E

DATE: Mar. 25, 2022

SAMPLE DESCRIPTION : The following submitted sample(s) said to be:-

NAME/TYPE OF PRODUCT : Sn0.7Cu  
NAME OF MATERIAL : Metal  
SAMPLE ID NO. : RT22R-S1619-002  
MANUFACTURER/VENDOR : DUKSAN Hi-Metal Co., Ltd.

SAMPLE RECEIVED : Mar. 21, 2022  
TESTING DATE : Mar. 21, 2022 ~ Mar. 25, 2022

TEST METHOD(S) : Please see the following page(s).  
TEST RESULT(S) : Please see the following page(s).

\* Note 1 : The test results presented in this report refer only to the object tested.

\* Note 2 : This report shall not be reproduced except in full without the written approval of the testing laboratory.

Approved by,



Jade Jang / Lab. Technical Manager

Authorized by,



Bo Park / Lab. General Manager



Authenticity check

Intertek Testing Services Korea Ltd.  
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Seoul Lab. Address : 7, Ahasan-ro 5-gil, Seongdong-gu, Seoul, 04793 Korea  
Ulsan Lab. Address : 34, Yongam-gil, Chongryang-myeon, Ulju-gun, Ulsan 44989 Korea



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## TEST REPORT

PAGE: 2 of 4  
DATE: Mar. 25, 2022

REPORT NO. RT22R-S1619-002-E

SAMPLE ID NO. : RT22R-S1619-002

SAMPLE DESCRIPTION : Sn0.7Cu

| TEST ITEM      | UNIT  | TEST METHOD  | MDL | RESULT |
|----------------|-------|--|-----|--------|
| Silver (Ag)    | mg/kg | With reference to US EPA 3052, by acid digestion and determined by ICP-OES | 2   | N.D.   |
| Aluminium (Al) | mg/kg | With reference to US EPA 3052, by acid digestion and determined by ICP-OES | 2   | N.D.   |
| Arsenic (As)   | mg/kg | With reference to US EPA 3052, by acid digestion and determined by ICP-OES | 2   | N.D.   |
| Gold (Au)      | mg/kg | With reference to US EPA 3052, by acid digestion and determined by ICP-OES | 2   | N.D.   |
| Beryllium (Be) | mg/kg | With reference to US EPA 3052, by acid digestion and determined by ICP-OES | 2   | N.D.   |
| Bismuth (Bi)   | mg/kg | With reference to US EPA 3052, by acid digestion and determined by ICP-OES | 2   | N.D.   |
| Copper (Cu)    | mg/kg | With reference to US EPA 3052, by acid digestion and determined by ICP-OES | 2   | 6890   |
| Iron (Fe)      | mg/kg | With reference to US EPA 3052, by acid digestion and determined by ICP-OES | 2   | 7      |
| Indium (In)    | mg/kg | With reference to US EPA 3052, by acid digestion and determined by ICP-OES | 2   | N.D.   |
| Nickel (Ni)    | mg/kg | With reference to US EPA 3052, by acid digestion and determined by ICP-OES | 2   | N.D.   |
| Antimony (Sb)  | mg/kg | With reference to US EPA 3052, by acid digestion and determined by ICP-OES | 2   | N.D.   |
| Zinc (Zn)      | mg/kg | With reference to US EPA 3052, by acid digestion and determined by ICP-OES | 2   | N.D.   |

Tested by : Jooyeon Lee

Notes : mg/kg = ppm = parts per million  
< = Less than  
N.D. = Not detected ( <MDL )  
MDL = Method detection limit

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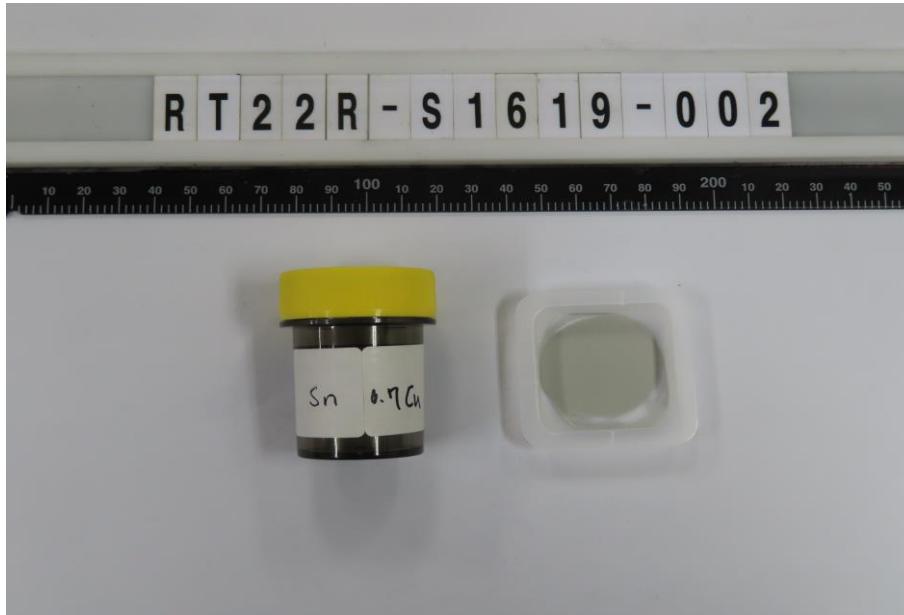
PAGE: 3 of 4  
DATE: Mar. 25, 2022

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SAMPLE ID NO. : RT22R-S1619-002

SAMPLE DESCRIPTION : Sn0.7Cu

\* View of sample as received;-



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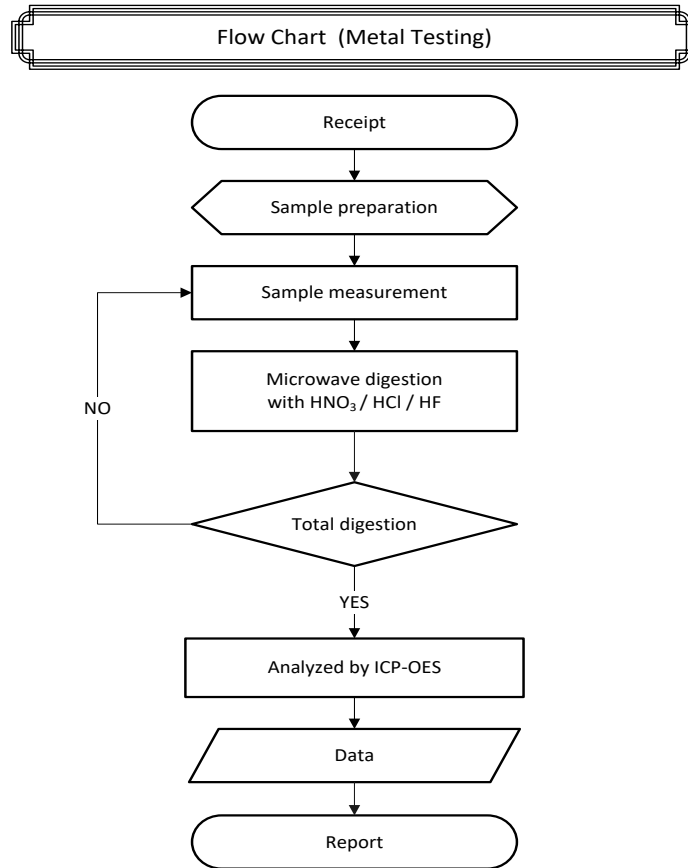
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SAMPLE ID NO. : RT22R-S1619-002

SAMPLE DESCRIPTION : Sn0.7Cu



\*\* Remarks : The samples were dissolved totally by pre-conditioning method according to above flow chart.

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

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