

**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.** : AYAA22-14274  
**Product Name** : Sn0.7Cu  
**Item No./Part No.** : N/A  
**Received Date** : 2022. 03. 22  
**Test Period** : 2022. 03. 22 to 2022. 03. 25  
**Test Results** : For further details, please refer to following page(s)

SGS Korea Co., Ltd.



Tommy Oh / Chemical Lab Mgr

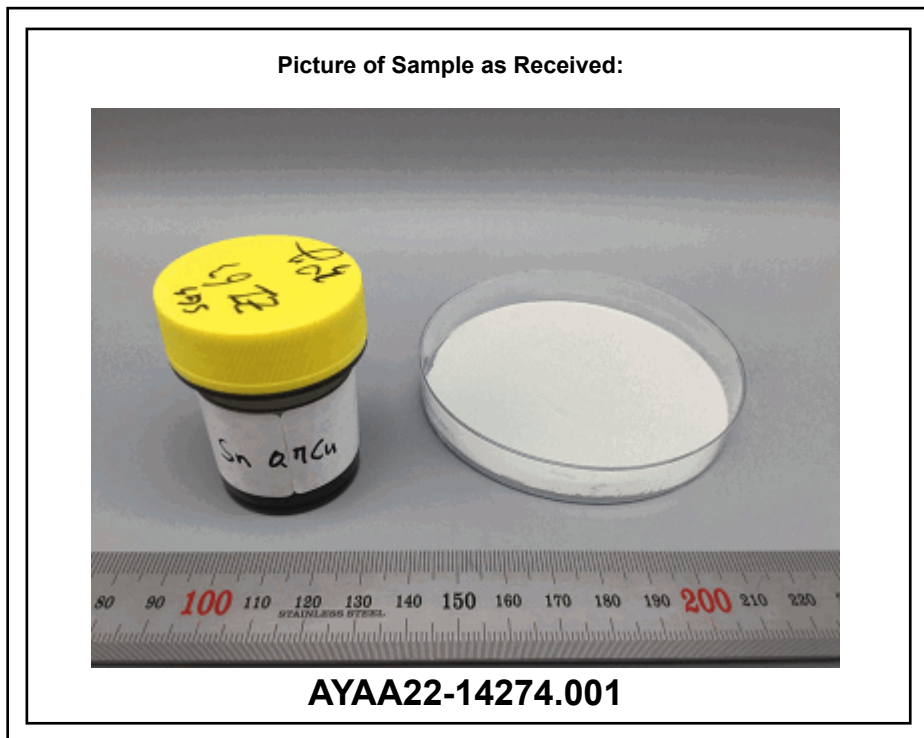
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**Sample No.** : AYAA22-14274.001  
**Sample Description** : Sn0.7Cu  
**Item No./Part No.** : N/A  
**Materials** : N/A

**Phthalates**

Test Items	Unit	Test Method	MDL	Results
Di-(2-ethylhexyl) phthalate (DEHP)	mg/kg	With reference to IEC 62321-8 : 2017, by GC-MS	50	N.D.
Di-butyl phthalate (DBP)	mg/kg	With reference to IEC 62321-8 : 2017, by GC-MS	50	N.D.
Benzyl butyl phthalate (BBP)	mg/kg	With reference to IEC 62321-8 : 2017, by GC-MS	50	N.D.
Di-isobutyl phthalate (DIBP)	mg/kg	With reference to IEC 62321-8 : 2017, by GC-MS	50	N.D.

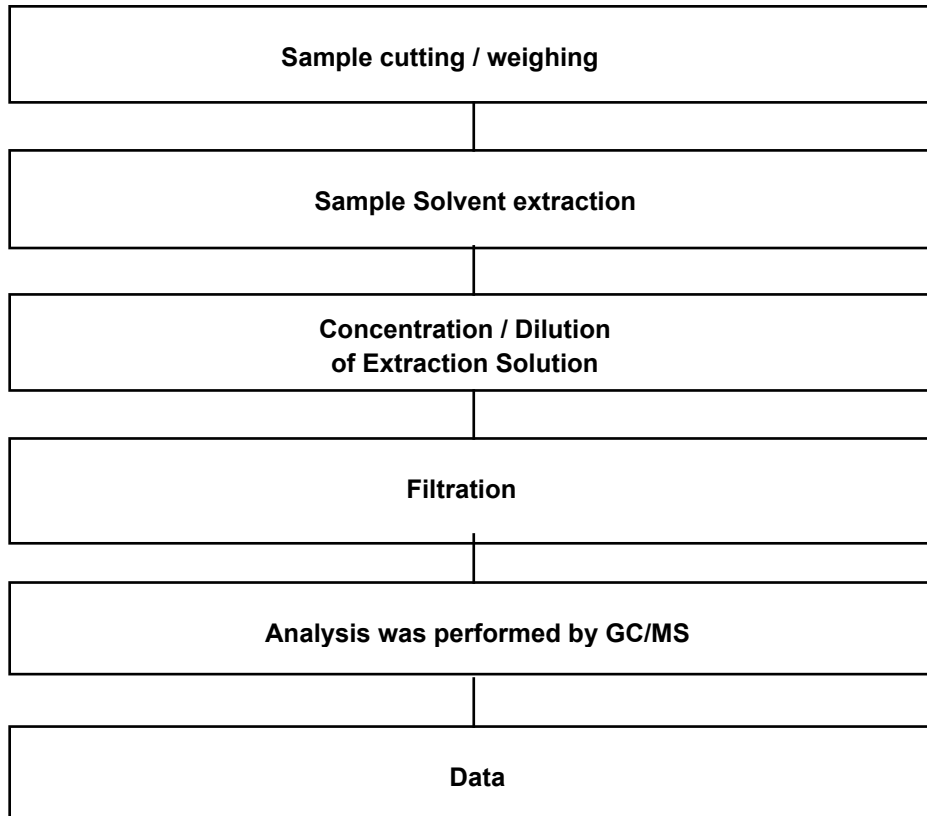
NOTE: (1) N.D. = Not detected. (<MDL)  
 (2) mg/kg = ppm, ug/kg = ppb, mg/L = ppm  
 (3) MDL = Method Detection Limit  
 (4) - = No regulation  
 (5) \*\* = Qualitative analysis (No Unit)  
 (6) Negative = Undetectable / Positive = Detectable  
 (7) The results shown in this test report refer only to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



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

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