

# TEST REPORT

**KOTITI No.** | 8219-1401-101996  
**Applicant** | DUKSAN Hi-Metal  
**Address** | 66, Muryong 1-ro, Buk-gu, Ulsan, Korea  
**Date In** | 2019. 04. 16. **Date Out** | 2019. 04. 24.

<b>Sample Description</b>	Sn/4.0Ag/0.5Cu
<b>Sample Quantity</b>	One (1) Sample(s)
<b>Buyer</b>	N/S
<b>Item Number</b>	N/S
<b>Material</b>	Metal
<b>Testing Period</b>	2019. 04. 16. ~ 2019. 04. 24.
<b>Test Result</b>	<b>For further details, please refer to the following page(s).</b>

\* N/S : Not Submitted, N.A. : Not Applicable, N.D. : Not Detected [< MDL(Method Detection Limit)]

\* Negative : Not Detected, Positive : Detected

Affirmation	Prepared by	Technical Manager
	Name : Hyun min Lee 	Name : Ki young Moon 

**KOTITI Testing & Research Institute**



**Contact Information for technical questions and general inquiries.**

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- The test results contained in this report are limited to results on the sample(s) that is provided by client and are not necessarily indicative or representative of the qualities of the lot from which the sample(s) was taken or of all products.
- Further use of the results of this report is prohibited unless allowed under a separate agreement set forth in an official document that is established between the client identified on this letter and the KOTITI Testing & Research Institute.
- The test result in this report is not related to accreditation of KOLAS.
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OPF-23-06(rev.02)



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<b>Tested Sample List</b>			
<b>Sample No.</b>	<b>Sample Description</b>	<b>Item No.</b>	<b>Material</b>
1	Sn/4.0Ag/0.5Cu	N/S	Metal

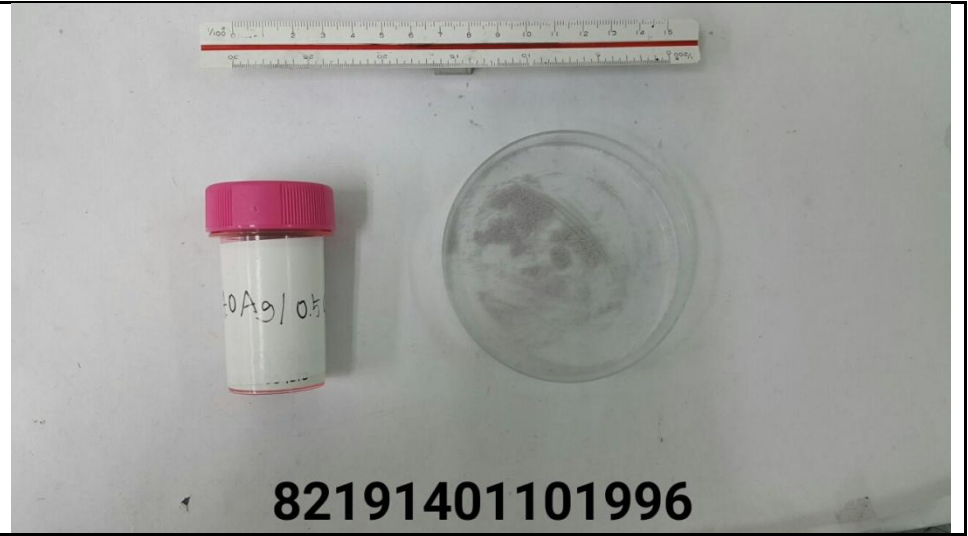
**Halogen, Unit: mg/kg**

Test Conducted	Test Method	MDL	Test Results
			1
Fluorine (F)	EN 14582:2007 & IEC 62321-3-2 Annex A determined by IC	30	N.D.
Chlorine (Cl)		30	N.D.
Bromine (Br)		30	N.D.
Iodine (I)		30	N.D.

\* Tested by : Wu ram Lee

Photo of the submitted sample(s)

Sample No.1



**Flow Chart****Halogen**