



Test Report

No.: EKR25301393

Date: 28-Mar-2025

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HERAEUS MATERIALS SINGAPORE PTE LTD

NO. 26 PIONEER CRESCENT #06-11/12 WEST PARK BIZCENTRAL SINGAPORE 628558

The following sample(s) was/were submitted and identified by the applicant as:

Sample Submitted By : HERAEUS MATERIALS SINGAPORE PTE LTD

Sample Name : SOLDER PASTE

Style/Item No. : F541Ag3 (HBF)

Sample Receiving Date : 20-Mar-2025

Testing Period : 20-Mar-2025 to 28-Mar-2025

Test Requested : As specified by client, to test Halogen-Fluorine, Chlorine, Bromine, Iodine in the submitted sample.

Test Results : Please refer to following pages.


Ray Chang, Ph.D./Department Manager
Signed for and on behalf of
SGS TAIWAN LTD.
Chemical Laboratory-Kaohsiung



PIN CODE: 1F84C53A

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Test Part Description

No.1 : SILVER COLORED METAL

Test Result(s)

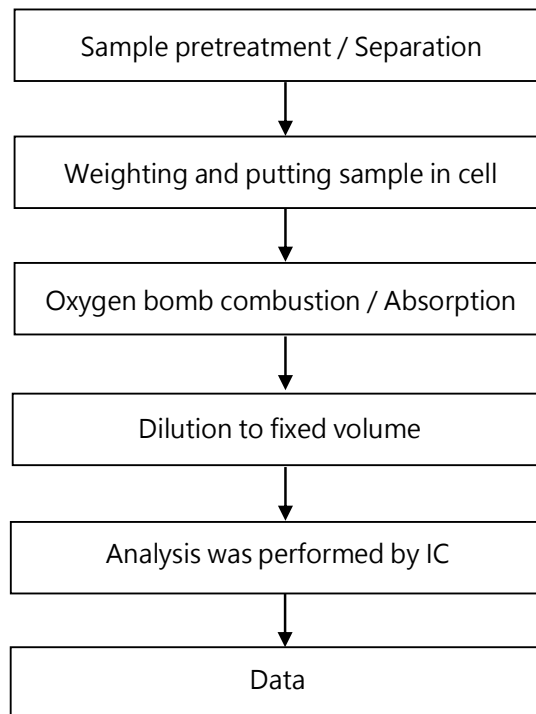
Test Item(s)	Method	Unit	MDL	Result
				No.1
Fluorine (F) (CAS No.: 14762-94-8)	With reference to BS EN 14582: 2016, analysis was performed by IC.	mg/kg	50	n.d.
Chlorine (Cl) (CAS No.: 22537-15-1)	With reference to BS EN 14582: 2016, analysis was performed by IC.	mg/kg	50	n.d.
Bromine (Br) (CAS No.: 10097-32-2)	With reference to BS EN 14582: 2016, analysis was performed by IC.	mg/kg	50	n.d.
Iodine (I) (CAS No.: 14362-44-8)	With reference to BS EN 14582: 2016, analysis was performed by IC.	mg/kg	50	n.d.

Note :

1. mg/kg = ppm ; 0.1wt% = 0.1% = 1000ppm
2. MDL = Method Detection Limit
3. n.d. = Not Detected (Less than MDL)

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Analytical flow chart - Halogen



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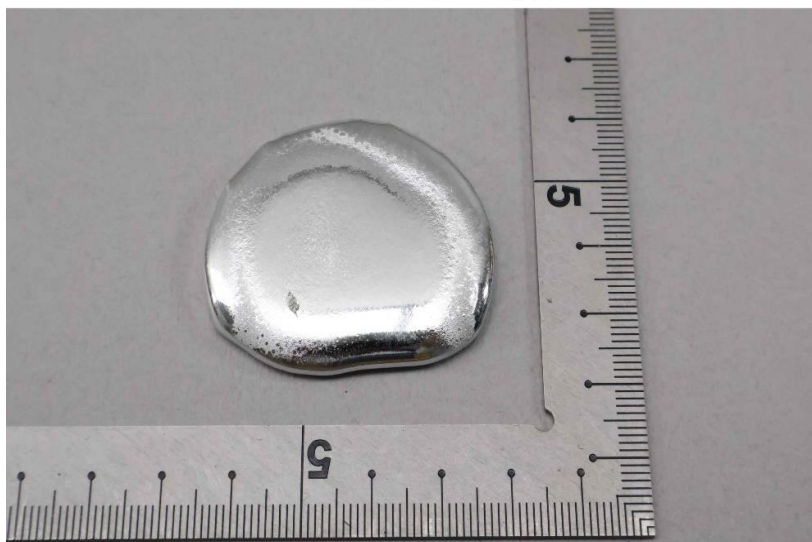
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* The tested sample / part is marked by an arrow if it's shown on the photo. *

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** End of Report **

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