

## Test Report

No.: NGBEC26005891002

Date: Jul 22, 2026

Page 1 of 5

Client Name: FUJI ELECTRIC WIRE INDUSTRIES LTD.

Client Address: 4-26-35 KUJI TAKATSU-KU, KAWASAKI-SHI, KANAGAWA JAPAN

Sample Name: HFR-NP WIRE

Model No.: SOLDER COATED HFR-NP WIRE

The above sample(s) and information were provided by the client.

SGS Job No.: NBP26-006415

Sample Receiving Date: Jul 10, 2026

Testing Period: Jul 10, 2026 ~ Jul 15, 2026

Test Requested: Select test(s) as requested by the client.

Test Method(s): Please refer to next page(s).

Test Result(s): Please refer to next page(s).

| Test Requirement                                                                                                          | Conclusion |
|---------------------------------------------------------------------------------------------------------------------------|------------|
| EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU- Lead, Mercury, Cadmium and Hexavalent chromium | Pass       |

Signed for and on behalf of  
SGS-CSTC Standards Technical Services (Ningbo) Co., Ltd.

May Zhang

May Zhang  
Approved Signatory

Scan to see the report



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Date: Jul 22, 2026

Page 2 of 5

### Test Result(s):

### Test Part Description:

| SN ID | Sample No. | SGS Sample ID           | Description  |
|-------|------------|-------------------------|--------------|
| SN1   | A2         | NGB26-0058910-0001.C002 | silver metal |

### Remarks:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

### EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU- Lead, Mercury, Cadmium and Hexavalent chromium

**Test Method:** With reference to IEC 62321-4:2013+AMD1:2017, IEC 62321-5:2013 and IEC 62321-7-1:2015, analysis was performed by ICP-OES/AAS and UV-Vis.

| Test Item(s)                  | Limit | Unit(s)            | MDL  | A2 |
|-------------------------------|-------|--------------------|------|----|
| Lead (Pb)                     | 1000  | mg/kg              | 2    | 17 |
| Mercury (Hg)                  | 1000  | mg/kg              | 2    | ND |
| Cadmium (Cd)                  | 100   | mg/kg              | 2    | ND |
| Hexavalent Chromium (Cr(VI))▼ | -     | µg/cm <sup>2</sup> | 0.10 | ND |

### Notes:

- (1) The maximum permissible limit is quoted from RoHS Directive (EU) 2015/863.
- (2) IEC 62321 series is equivalent to EN 62321 series.
- (3) ▼ =
  - a. The sample is positive for Cr(VI) if the Cr(VI) concentration is greater than 0.13 µg/cm<sup>2</sup>. The sample coating is considered to contain Cr(VI).
  - b. The sample is negative for Cr(VI) if Cr(VI) is ND (concentration less than 0.10 µg/cm<sup>2</sup>). The coating is considered a non-Cr(VI) based coating.
  - c. The result between 0.10 µg/cm<sup>2</sup> and 0.13 µg/cm<sup>2</sup> is considered to be inconclusive-unavoidable coating variations may influence the determination.

Information on storage conditions and production date of the tested sample is unavailable and thus Cr(VI) results represent status of the sample at the time of testing.

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.



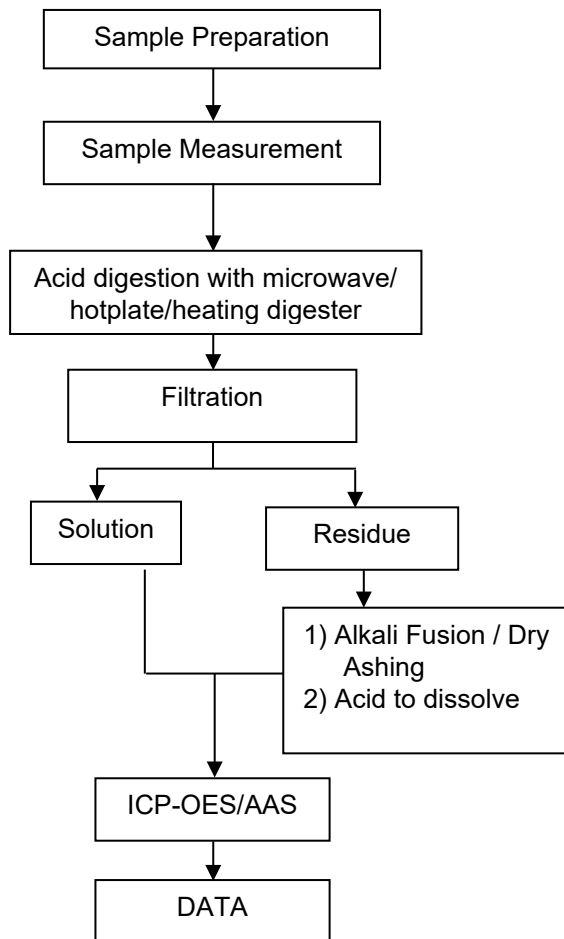
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#### Elements Testing Flow Chart

These samples of Pb/Cd/Hg were dissolved totally by pre-conditioning method according to below flow chart.



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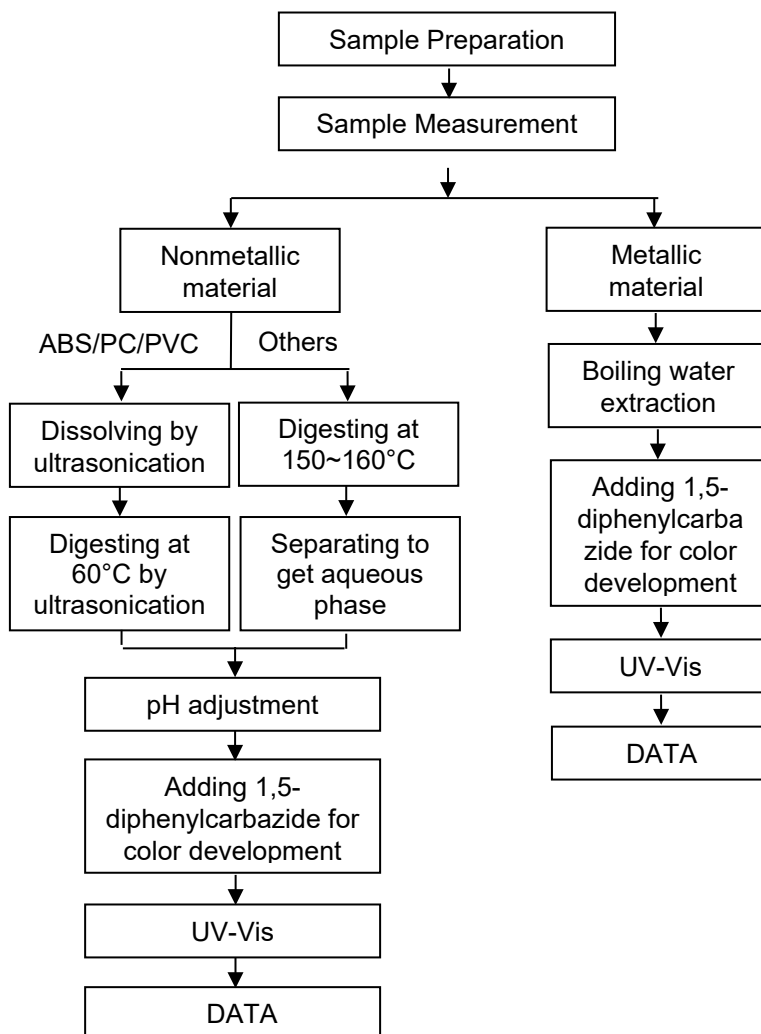
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No.: NGBEC26005891002

Date: Jul 22, 2026

Page 4 of 5

### Hexavalent Chromium (Cr(VI)) Testing Flow Chart



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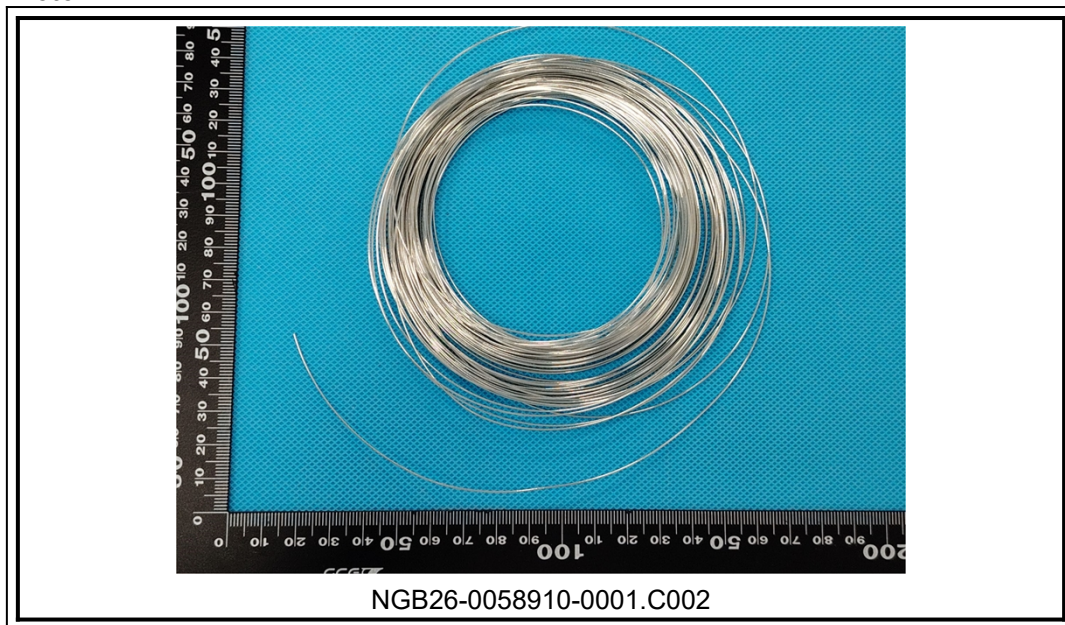
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Page 5 of 5

Sample Photo:



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



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