



## Test Report

No.T51910210437TC

Date: FEB 27, 2019

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JIAN PLASTIC & METAL PRODUCTS LTD  
NO.3-1, SOUTH GAOBU BLVD, GAOBU TOWN,  
DONGGUAN CITY, GUANGDONG PROVINCE,  
CHINA, ZIP CODE:523278

The following samples were submitted and identified by/on behalf of the client as:

SOLDER POWDER AND SOLDER OIL

Buyer : WORLD WIDE  
Manufacturer : CHINA  
Country of Origin : CHINA  
Country of Destination : WORLD WIDE  
Requested Age Grading : 3+  
Sample Receiving Date : FEB 22, 2019  
Testing Period : FEB 22, 2019 TO FEB 26, 2019



SGS-CSTC Testing Technology Services Co., Ltd.  
Shenzhen Branch Testing Center Hardlines

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| Test Requested |   | Conclusion |
|----------------|---|------------|
| 1.             | CPSIA section 101 - Total Lead content  | --         |
|                | CPSIA section 101(a) (2) – Lead in accessible substrate materials (Including Children’s Metal Jewelry)  | PASS       |
| 2.             | US California Proposition 65 (County of Alameda Court Case No. RG-10-514803 [Consolidated with Case No. RG 10-545680 and RG 10-545687]) – Cadmium Content | PASS       |
| 3.             | Client’s Requirement – Cadmium Content  | PASS       |

\*\*\*\*\* FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) \*\*\*\*\*

Signed for and on behalf of  
SGS-CSTC Standards Technical  
Services Co., Ltd. Shenzhen Branch Testing Center



T51910210437TC

Qu Ping, Kiky  
Dept. Manager



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## Results:

### 1. CPSIA - Lead in Accessible Substrate Materials

Method (metal materials): With reference to CPSC-CH-E1001-08.3 - Standard Operating Procedure for Determining Total Lead (Pb) in Children's Metal Products (Including Children's Metal Jewelry)

| Test Item(s)                      |           |             | Lead (Pb)       |
|-----------------------------------|-----------|-------------|-----------------|
| Permissible Limit <b>**</b> (ppm) |           |             | 100             |
| Specimen Description              | Alias No. | Tracing No. | Result(s) (ppm) |
| 1. Grey solder paste              | 1         | 1           | 43              |

\*\* Permissible Limit applies to a children's product manufactured after 14 August 2011 (Public Law 110-314 (Consumer Product Safety Improvement Act of 2008) and its Amendments Public Law 112-28)

- Note:
- ppm = parts per million
  - MDL = Method Detection Limit = 10 ppm
  - 1% = 10000 mg/kg = 10000 ppm

### 2. US California Proposition 65 – Cadmium Content

Method: Acid Digestion

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)

| Test Item(s)         |           |             | Cadmium (Cd)    |
|----------------------|-----------|-------------|-----------------|
| Specimen Description | Alias No. | Tracing No. | Result(s) (ppm) |
| 1. Grey solder paste | 3         | 1           | ND              |

- Note:
- ppm = parts per million
  - ND = Not Detected (lower than MDL)
  - MDL = Method Detection Limit = 5 ppm

### Summary of permissible limits of Cadmium requirement(s):

| Requirement(s)   | Permissible Limit of Cadmium (ppm) | Effective Date |
|--|------------------------------------|----------------|
| California Proposition 65 (County of Alameda Court Case No. RG-10-514803 [Consolidated with Case No. RG 10-545680 and RG 10-545687]) | 300                                | Current        |



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### 3. Cadmium Content

Method: With reference to EN 1122:2001 Method B / IEC62321-5:2013

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES) / Atomic Absorption Spectrometer (AAS)

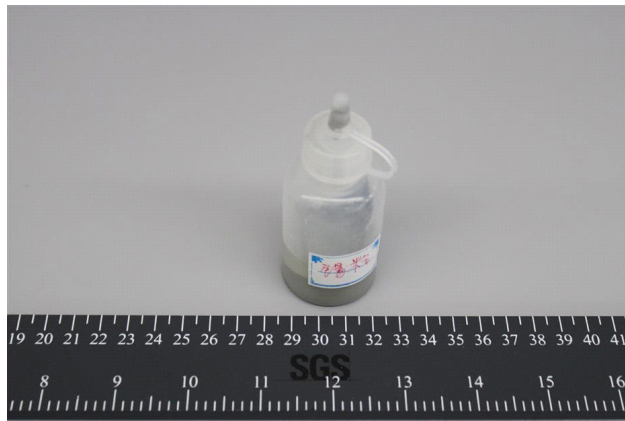
| Test Item(s) | Unit  | 1  | MDL | Client's Limit |
|--------------|-------|----|-----|----------------|
| Alias No.    | --    | 4  | --  | --             |
| Tracing No.  | --    | 1  | --  | --             |
| Cadmium (Cd) | mg/kg | ND | 5   | 75             |

#### Specimen Description:

1. Grey solder paste

- Note:
- mg/kg = milligram per kilogram
  - MDL = Method Detection Limit
  - ND = Not Detected (lower than MDL)

#### Sample Photo:



SGS authenticate the photo on original report only

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



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