

# TEST REPORT

Report No.: DPHTL2401110937E

Date: Jan 11,2024

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**Applicant:** KAIDI TRADING CO., LTD  
**Address:** NO.3 TANGLI ROAD, JIANGGAO TOWN, BAIYUN DISTRICT, GUANGZHOU, GUANGDONG

The following sample(s) and sample information was/were submitted and identified by client as:

**Sample Name:** copper cup  
**Buyer :** Jin Hoi International Trading Ltd  
**Country of Origin** CHINA  
**Goods Exported to** EU  
**Receiving Date:** Dec 30,2023  
**Test Period:** From Dec 30,2023 to Jan 6,2024  
**Add Information:** -

## Test Summary:

| #                                                                                           | TestItem(s)                       | Conclusion |
|---------------------------------------------------------------------------------------------|-----------------------------------|------------|
| Regulation (EC) No 1935/2004, Council of Europe Resolution CMRes(2020)9 -For Metal Material |                                   |            |
| 1                                                                                           | Specific Migration of Heavy Metal | PASS       |

\*\*\*\*\*Please refer to the following page for detailed results\*\*\*\*\*

Authorized Signatory



Mark Mai  
(Technical Director)



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## Result:

Regulation (EC) No 1935/2004, Council of Europe Resolution CMRes(2020)9 -For Metal Material

### 1. Specific Migration of Heavy Metal

EDQM on metals and alloys used in food contact materials and articles 2nd Edition, determined by ICP-OES&ICP-MS

Test condition: 0.5% citric acid,100°C,2h

| Elements |                 | Material             |                 | Limit<br>(mg/kg)     |                 | MDL<br>(mg/kg)       |                 |
|----------|-----------------|----------------------|-----------------|----------------------|-----------------|----------------------|-----------------|
|          |                 | 1                    |                 |                      |                 |                      |                 |
|          |                 | 1st + 2 <sup>d</sup> | 3 <sup>rd</sup> | 1st + 2 <sup>d</sup> | 3 <sup>rd</sup> | 1st + 2 <sup>d</sup> | 3 <sup>rd</sup> |
| 1        | Tin (Sn)        | N.D.                 | N.D.            | 700                  | 100             | 2                    | 1               |
| 2        | Copper (Cu)     | 10                   | 2               | 28                   | 4               | 2                    | 1               |
| 3        | Iron (Fe)       | N.D.                 | N.D.            | 280                  | 40              | 2                    | 1               |
| 4        | Manganese (Mn)  | N.D.                 | N.D.            | 3.85                 | 0.55            | 0.2                  | 0.1             |
| 5        | Zinc (Zn)       | N.D.                 | N.D.            | 35                   | 5               | 2                    | 1               |
| 6        | Aluminum (Al)   | N.D.                 | N.D.            | 35                   | 5               | 2                    | 1               |
| 7        | Barium (Ba)     | N.D.                 | N.D.            | 8.4                  | 1.2             | 0.2                  | 0.1             |
| 8        | Chromium (Cr)   | N.D.                 | N.D.            | 7                    | 1               | 0.1                  | 0.05            |
| 9        | Nickel (Ni)     | N.D.                 | N.D.            | 0.98                 | 0.14            | 0.1                  | 0.05            |
| 10       | Lithium (Li)    | N.D.                 | N.D.            | 0.336                | 0.048           | 0.02                 | 0.01            |
| 11       | Beryllium (Be)  | N.D.                 | N.D.            | 0.07                 | 0.01            | 0.002                | 0.001           |
| 12       | Vanadium (V)    | N.D.                 | N.D.            | 0.07                 | 0.01            | 0.002                | 0.001           |
| 13       | Cobalt (Co)     | N.D.                 | N.D.            | 0.14                 | 0.02            | 0.002                | 0.001           |
| 14       | Molybdenum (Mo) | N.D.                 | N.D.            | 0.84                 | 0.12            | 0.02                 | 0.01            |
| 15       | Silver (Ag)     | N.D.                 | N.D.            | 0.56                 | 0.08            | 0.02                 | 0.01            |
| 16       | Antimony (Sb)   | N.D.                 | N.D.            | 0.28                 | 0.04            | 0.02                 | 0.01            |
| 17       | Lead (Pb)       | 0.008                | 0.004           | 0.07                 | 0.01            | 0.002                | 0.001           |
| 18       | Arsenic (As)    | N.D.                 | N.D             | 0.014                | 0.002           | 0.002                | 0.001           |

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|    |                |      |      |       |       |        |        |
|----|----------------|------|------|-------|-------|--------|--------|
| 19 | Cadmium (Cd)   | N.D. | N.D. | 0.035 | 0.005 | 0.002  | 0.001  |
| 20 | Mercury (Hg)   | N.D. | N.D. | 0.021 | 0.003 | 0.002  | 0.001  |
| 21 | Thallium (Tl)  | N.D. | N.D. | 0.007 | 0.001 | 0.0002 | 0.0001 |
| 22 | Magnesium (Mg) | N.D. | N.D. | -     | -     | 2      | 1      |
| 23 | Titanium (Ti)  | N.D. | N.D. | -     | -     | 2      | 1      |
| 24 | Zirconium(Zr)  | N.D. | N.D. | 14    | 2     | 0.2    | 0.1    |
| -  | Conclusion     | PASS | PASS | -     | -     | -      | -      |

Remark (s): (a) mg/kg: milligram per kilogram  
(b) MDL: Method detected limit  
(c) N.D.: Not detected (result is less than MDL)

## Material List:

| Material # | Sample Description/Position | Client's Material Statement |
|------------|-----------------------------|-----------------------------|
| 1          | Coppery metal,cupt          | copper                      |

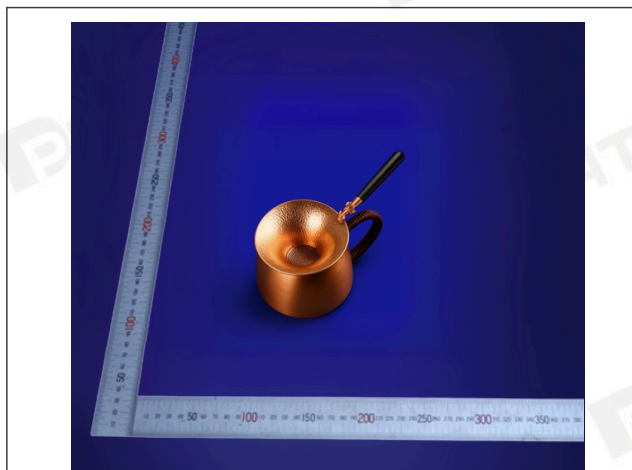
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Photo(s):



Test Sample Photo

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# 声明

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