



# Test Report

No.: ETR23601703

Date: 16-Jun-2023

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ISHIHARA CHEMICAL CO., LTD.

5-26, NISHIYANAGIWARA-CHO, HYOGO-KU, KOBE-SHI, HYOGO 652-0806, JAPAN

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

Sample Submitted By : ISHIHARA CHEMICAL CO., LTD.

Sample Name : UTB CHEMICAL

Style/Item No. : TS-140BASE


Sample Receiving Date : 08-Jun-2023

Testing Period : 08-Jun-2023 to 16-Jun-2023

**Test Requested** : As specified by client, with reference to RoHS Directive 2011/65/EU Annex II to determine Cadmium, Lead, Mercury, Cr(VI) contents in the submitted sample(s).

**Test Results** : Please refer to following pages.

**Conclusion** : Based on the performed tests on submitted sample(s), the test results of Cadmium, Lead, Mercury, Cr(VI) comply with the limits as set by RoHS Directive 2011/65/EU Annex II.

  
Troy Chang / Department Manager  
Signed for and on behalf of  
SGS TAIWAN LTD.  
Chemical Laboratory - Taipei



PIN CODE: 79ED60F4

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## Test Part Description

No.1 : TRANSPARENT-LT. YELLOW LIQUID

## Test Result(s)

| Test Item(s)               | Method  | Unit  | MDL | Result | Limit |
|----------------------------|---|-------|-----|--------|-------|
|                            |   |       |     | No.1   |       |
| Cadmium (Cd)               | With reference to IEC 62321-5: 2013, analysis was performed by ICP-OES.             | mg/kg | 2   | n.d.   | 100   |
| Lead (Pb)                  | With reference to IEC 62321-5: 2013, analysis was performed by ICP-OES.             | mg/kg | 2   | n.d.   | 1000  |
| Mercury (Hg)               | With reference to IEC 62321-4: 2013+ AMD1: 2017, analysis was performed by ICP-OES. | mg/kg | 2   | n.d.   | 1000  |
| Hexavalent Chromium Cr(VI) | With reference to IEC 62321-7-2: 2017, analysis was performed by UV-VIS.            | mg/kg | 8   | n.d.   | 1000  |

## Note :

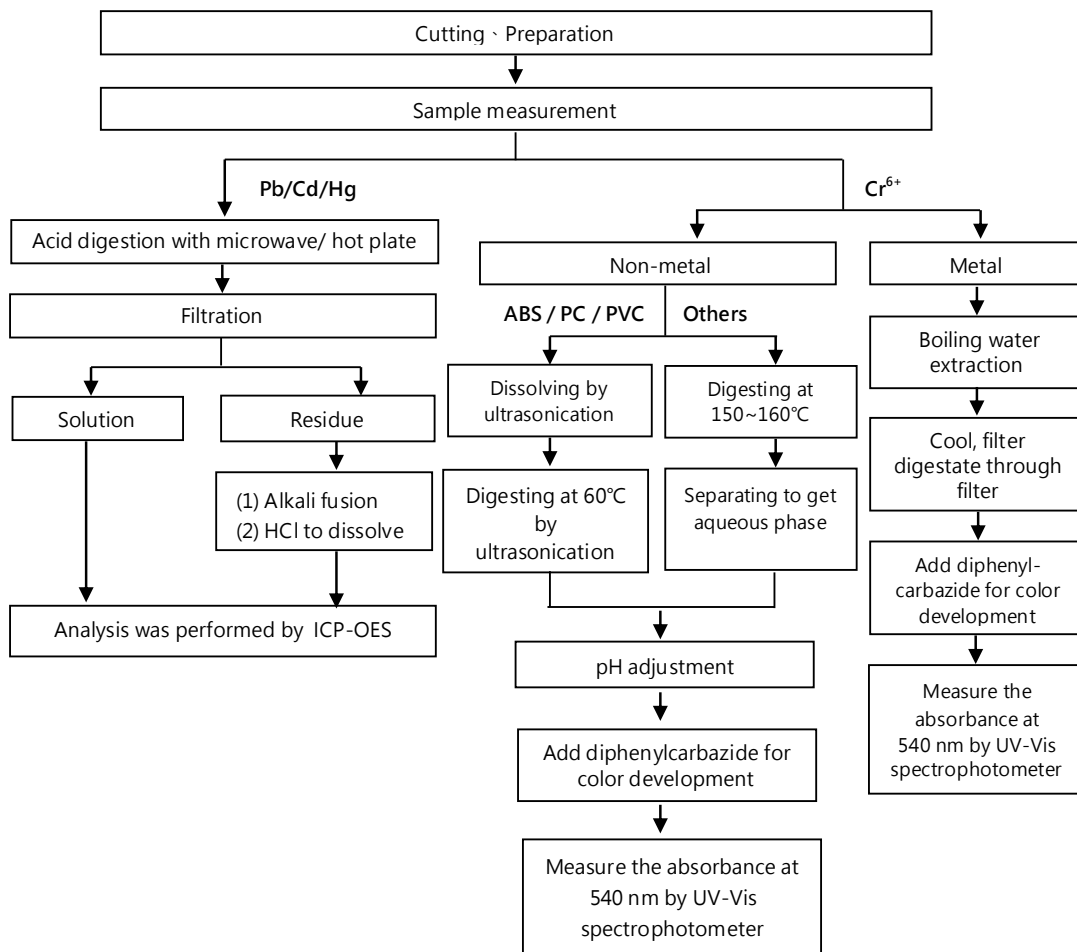
1. mg/kg = ppm ; 0.1wt% = 0.1% = 1000ppm
2. MDL = Method Detection Limit
3. n.d. = Not Detected ( Less than MDL)
4. Unless otherwise stated , the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019. According to this rule, the judgement of conformity is based on the comparing test results with limits.

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## Analytical flow chart of heavy metal

These samples were dissolved totally by pre-conditioning method according to below flow chart.

(Cr<sup>6+</sup> test method excluded)



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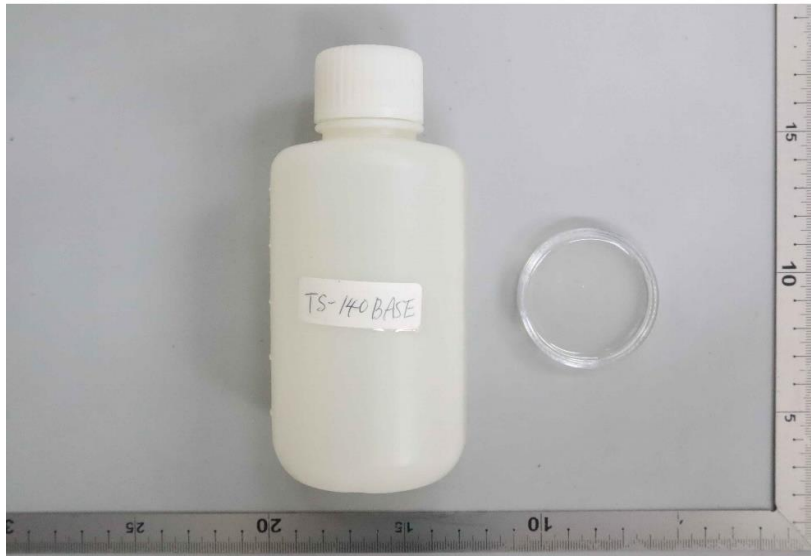
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\* The tested sample / part is marked by an arrow if it's shown on the photo. \*

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\*\* End of Report \*\*

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