

## Test Report

No. : CE/2020/83381

Date : 2020/08/31

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ISHIHARA CHEMICAL CO., LTD.

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

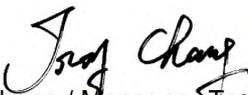
The following sample(s) was/were submitted and identified by/on behalf of the applicant as :

Sample Submitted By : ISHIHARA CHEMICAL CO., LTD.  
Sample Description : UTB CHEMICAL  
Style/Item No. : TS-TIN15  
Sample Receiving Date : 2020/08/21  
Testing Period : 2020/08/21 to 2020/08/31

=====  
**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 Result(s)** : 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 / Manager - Technical  
Signed for and behalf of  
SGS TAIWAN LTD.  
Chemical Laboratory - Taipei



PIN CODE: 843144BA

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## Test Result(s)

PART NAME No.1 : TRANSPARENT-LT. YELLOW LIQUID

Test Item(s)	Unit	Method	MDL	Result	Limit
				No.1	
Cadmium (Cd)	mg/kg	With reference to IEC 62321-5 (2013) and performed by ICP-OES.	2	n.d.	100
Lead (Pb)	mg/kg	With reference to IEC 62321-5 (2013) and performed by ICP-OES.	2	2.80	1000
Mercury (Hg)	mg/kg	With reference to IEC 62321-4:2013+AMD1:2017 and performed by ICP-OES.	2	n.d.	1000
Hexavalent Chromium Cr(VI)	mg/kg	With reference to IEC 62321-7-2 (2017) and performed by UV-VIS.	8	n.d.	1000

## Note :

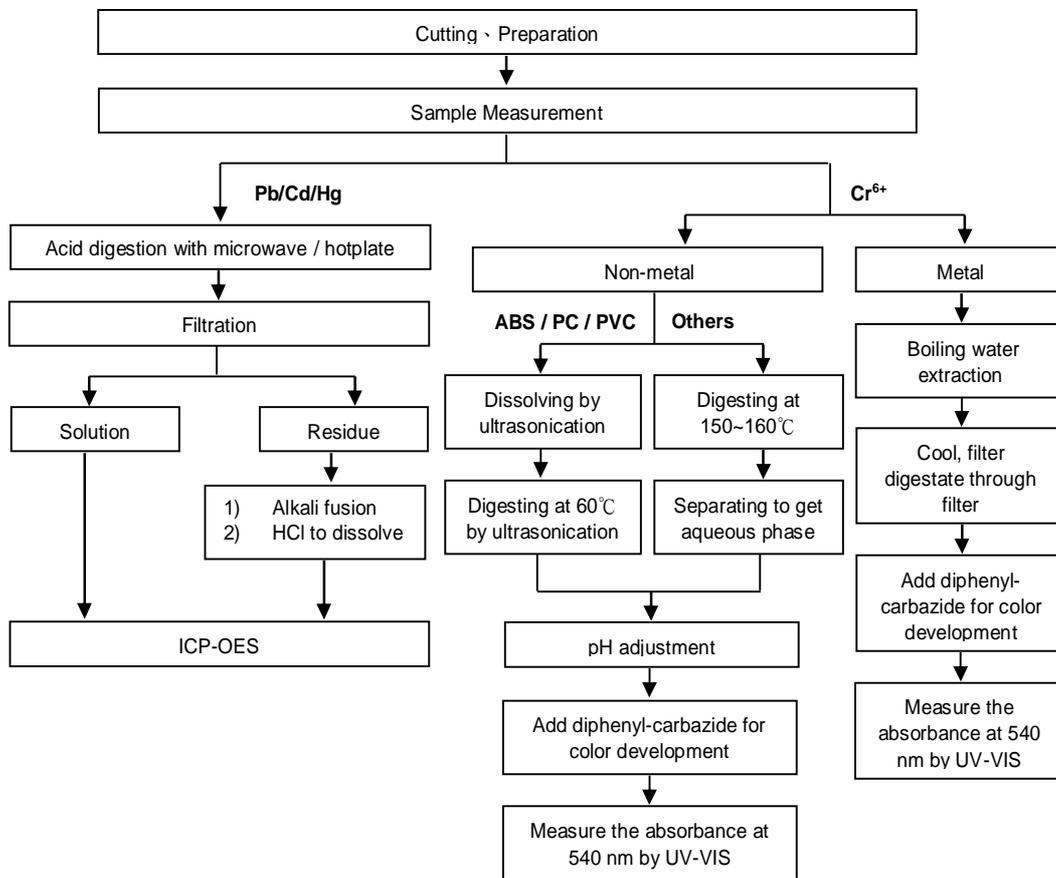
1. mg/kg = ppm : 0.1wt% = 1000ppm
2. MDL = Method Detection Limit
3. n.d. = Not Detected = below MDL
4. The statement of compliance conformity is based on comparison of testing results and limits.

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

### CE/2020/83381



\*\* End of Report \*\*

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