

**Test Report** Page: 1 of 4 No.: CE/2020/11875 Date: 2020/01/14

HITACHI CHEMICAL CO., LTD. 1500 OGAWA, CHIKUSEI-SHI IBARAKI, 308-8521, JAPAN

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

: HITACHI CHEMICAL CO., LTD. Sample Submitted By

Sample Description : GENERAL COPPER FOIL

Style/Item No. COPPER FOIL Sample Receiving Date : 2020/01/07

**Testing Period** : 2020/01/07 to 2020/01/14

: As specified by client, with reference to RoHS 2011/65/EU Annex II and amending Directive **Test Requested** 

(EU) 2015/863 to determine DBP, BBP, DEHP, DIBP contents in the submitted sample(s).

**Test Method** Please refer to following pages.

Test Result(s) : Please refer to following pages.

Troy Chang / Manager - Te Signed for and behalf of SĞS TAIWAN LTD. Chemical Laboratory - Taipei





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## Test Result(s)

PART NAME No.1 : ORANGE/COPPER COLORED FOIL

Test Item(s)	Unit	Method	MDL	Result
				No.1
DEHP (Di- (2-ethylhexyl) phthalate) (CAS No.: 117-81-7)	mg/kg	With reference to IEC 62321-8 (2017). Analysis was performed by GC/MS.	50	n.d.
BBP (Butyl Benzyl phthalate) (CAS No.: 85-68-7)	mg/kg		50	n.d.
DBP (Dibutyl phthalate) (CAS No.: 84-74-2)	mg/kg		50	n.d.
DIBP (Di-isobutyl phthalate) (CAS No.: 84-69-5)	mg/kg		50	n.d.

## Note:

1. mg/kg = ppm; 0.1wt% = 1000ppm2. MDL = Method Detection Limit 3. n.d. = Not Detected = below MDL

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**Test Report** 

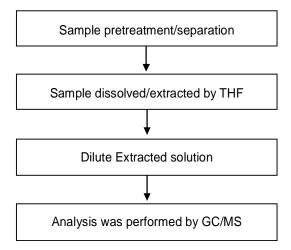
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## **Analytical flow chart - Phthalate**

Technician: Yaling Tu Supervisor: Troy Chang

[Test method: IEC 62321-8]



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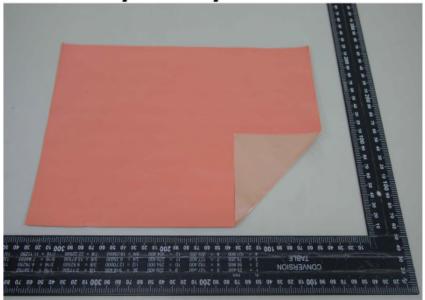
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\* The tested sample / part is marked by an arrow if it's shown on the photo. \*

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\*\* End of Report \*\*

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