

**Test Report** 

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TECHI COLOR INDUSTRIAL CO., LTD. 17-8, ALLEY 3, LANE 18, HO PING EAST. RD., SEC. 2, TAIPEI, TAIWAN The following sample(s) was/were submitted and identified by/on behalf of the client as :

Sample Description Style/Item No. Sample Receiving Date Testing Period	:	1721 PIGMENT 2007/03/22 2007/03/22 TO 2007/03/29
Test Requested	:	In accordance with the RoHS Directive 2002/95/EC, and its amendment directives.
Test Method	:	<ol> <li>With reference to IEC 62321, Ed.1 111/54/CDV - Section 11. Determination of Cadmium by ICP-AES.</li> </ol>
		<ul><li>(2) With reference to IEC 62321, Ed.1 111/54/CDV - Section 11. Determination of Lead by ICP-AES.</li></ul>
		<ul><li>(3) With reference to IEC 62321, Ed.1 111/54/CDV - Section 10. Determination of Mercury by ICP-AES.</li></ul>
		<ul> <li>(4) With reference to IEC 62321, Ed.1 111/54/CDV - Section</li> <li>9. Determination of Hexavalent Chromium for non- metallic samples by UV/Vis Spectrometry.</li> </ul>
		<ul><li>(5) With reference to IEC 62321, Ed.1 111/54/CDV- Section</li><li>7. Determination of PBB and PBDE by GC/MS.</li></ul>
Test Result(s)	:	Please refer to next page(s).
Conclusion	:	Based on the performed tests on submitted samples, the test results are <b>compliant with</b> the limits of RoHS Directive 2002/95/EC and its subsequent amendments.

**Operation Manager** en, M.R. Signed for and on behalf of

SGS TAIWAN LTD.

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Test results by chemical method (Unit: mg/kg)

	Method (Refer to)	Result	MDL	RoHS Limit
Test Item (s):		No.1		
Cadmium (Cd)	(1)	n.d.	2	100
Lead (Pb)	(2)	n.d.	2	1000
Mercury (Hg)	(3)	n.d.	2	1000
Hexavalent Chromium Cr(VI) by alkaline extraction	(4)	n.d.	2	1000
Sum of PBBs		n.d.	-	1000
Monobromobiphenyl		n.d.	5	-
Dibromobiphenyl		n.d.	5	-
Tribromobiphenyl		n.d.	5	-
Tetrabromobiphenyl		n.d.	5	-
Pentabromobiphenyl		n.d.	5	-
Hexabromobiphenyl		n.d.	5	-
Heptabromobiphenyl		n.d.	5	-
Octabromobiphenyl		n.d.	5	-
Nonabromobiphenyl		n.d.	5	-
Decabromobiphenyl		n.d.	5	-
Sum of PBDEs (Mono to Nona) (Note 4)	(5)	n.d.	-	1000
Monobromobiphenyl ether		n.d.	5	-
Dibromobiphenyl ether		n.d.	5	-
Tribromobiphenyl ether		n.d.	5	-
Tetrabromobiphenyl ether		n.d.	5	-
Pentabromobiphenyl ether		n.d.	5	-
Hexabromobiphenyl ether		n.d.	5	-
Heptabromobiphenyl ether		n.d.	5	-
Octabromobiphenyl ether		n.d.	5	-
Nonabromobiphenyl ether		n.d.	5	-
Decabromobiphenyl ether		n.d.	5	-
Sum of PBDEs (Mono to Deca)		n.d.	-	-

#### **TEST PART DESCRIPTION:**

NO.1 : RED PIGMENT LUMP

Note : 1. mg/kg = ppm

- 2. n.d. = Not Detected
- 3. MDL = Method Detection Limit
- 4. According to 2005/717/EC DecaBDE is exempt.
- 5. "-" = Not Regulated

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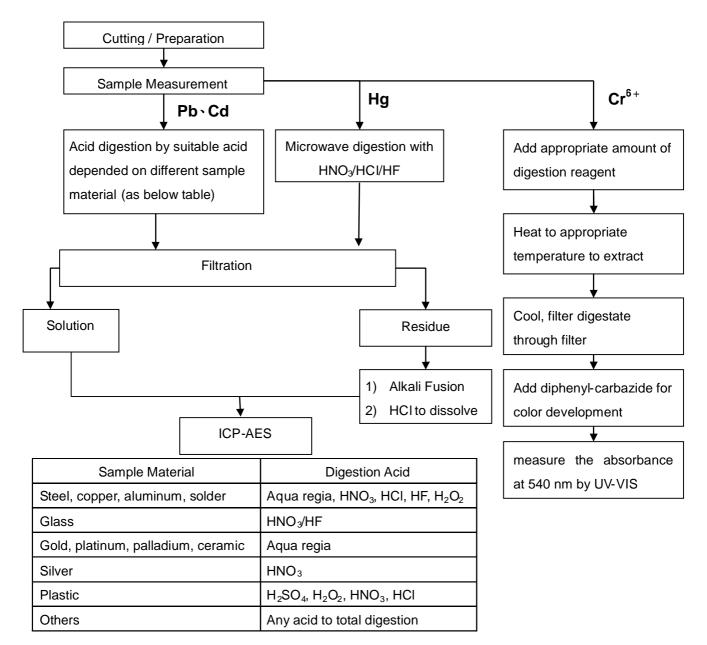


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- 1) These samples were dissolved totally by pre-conditioning method according to below flow chart. (Cr6+ test method excluded)
- 2) Name of the person who made measurement: Troy Chang
- 3) Name of the person in charge of measurement: Daniel Yeh



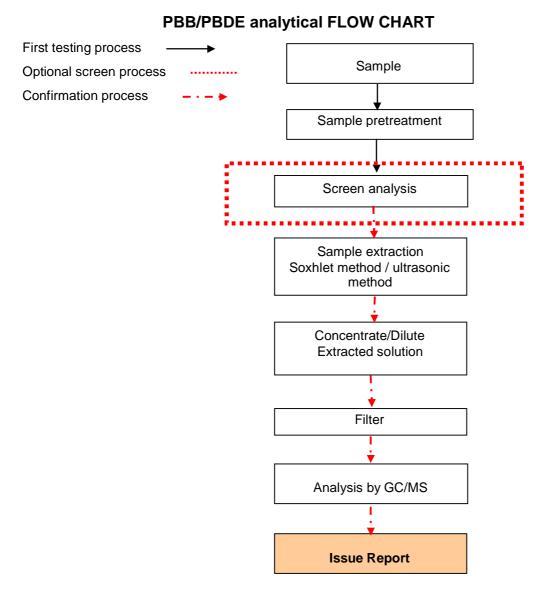
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