

Test Report

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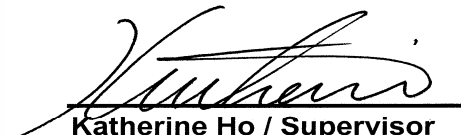


LEE CHANG YUNG CHEMICAL INDUSTRY CORPORATION
NO. 2, GIN CHIEN ROAD, TA-SHE PETRO CHEM IND. ZONE,
KAOHSIUNG HSIEN, 815 TAIWAN, R.O.C.

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

Sample Description : POLYPROPYLENE HOMOPOLYMER
Style/Item No. : PT181, PT182, PT172, 6733, PT100, PT101N, PT103, PT104,
667A, PD402, PT511, PC366-3, PC366-3F, 6524, PC366-4,
PC366-5, PC366-5F, 6331-8,6331-11, 6331, 6331F, 6324,
PD943, 6581, PT331M, 6231-20, 6231F , PC932, PT231,
PT231M, HP600S, HP561R, HP560P, HP563S, 6424
Sample Receiving Date : 2008/12/03
Testing Period : 2008/12/03 TO 2008/12/9

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Test Requested : In accordance with the RoHS Directive 2002/95/EC, and its amendment directives.
Test Method : With reference to IEC 62321/2nd CDV (111/95/CDV) Procedures for the Determination of Levels of Regulated Substances in Electrotechnical Products
: (1) Determination of Cadmium by ICP-AES.
: (2) Determination of Lead by ICP-AES.
: (3) Determination of Mercury by ICP-AES.
: (4) Determination of Hexavalent Chromium for non-metallic samples by UV/Vis Spectrometry.
: (5) Determination of PBB and PBDE by GC/MS.
Test Result(s) : Please refer to next page(s).


Katherine Ho / Supervisor
Signed for and on behalf of
SGS Taiwan Limited

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

Test Item (s):	Method (Refer to)	Result	MDL
		No.1	
Cadmium (Cd)	(1)	n.d.	2
Lead (Pb)	(2)	n.d.	2
Mercury (Hg)	(3)	n.d.	2
Hexavalent Chromium Cr(VI) by alkaline extraction	(4)	n.d.	2
Sum of PBBs	(5)	n.d.	-
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		n.d.	-
Monobromodiphenyl ether		n.d.	5
Dibromodiphenyl ether		n.d.	5
Tribromodiphenyl ether		n.d.	5
Tetrabromodiphenyl ether		n.d.	5
Pentabromodiphenyl ether		n.d.	5
Hexabromodiphenyl ether		n.d.	5
Heptabromodiphenyl ether		n.d.	5
Octabromodiphenyl ether		n.d.	5
Nonabromodiphenyl ether		n.d.	5
Decabromodiphenyl ether		n.d.	5

TEST PART DESCRIPTION:

NO.1

: NATURAL POLYPROPYLENE HOMOPOLYMER

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- Note :
1. mg/kg = ppm; 0.1wt% = 1000ppm
 2. n.d. = Not Detected
 3. MDL = Method Detection Limit
 4. The exemption of DecaBDE in polymeric application according 2005/717/EC was overruled by the European Court of Justice by its decision of 01.04.2008. Subsequently DecaBDE will be included in the sum of PBDE after 01.07.2008
 5. " - " = Not Regulated

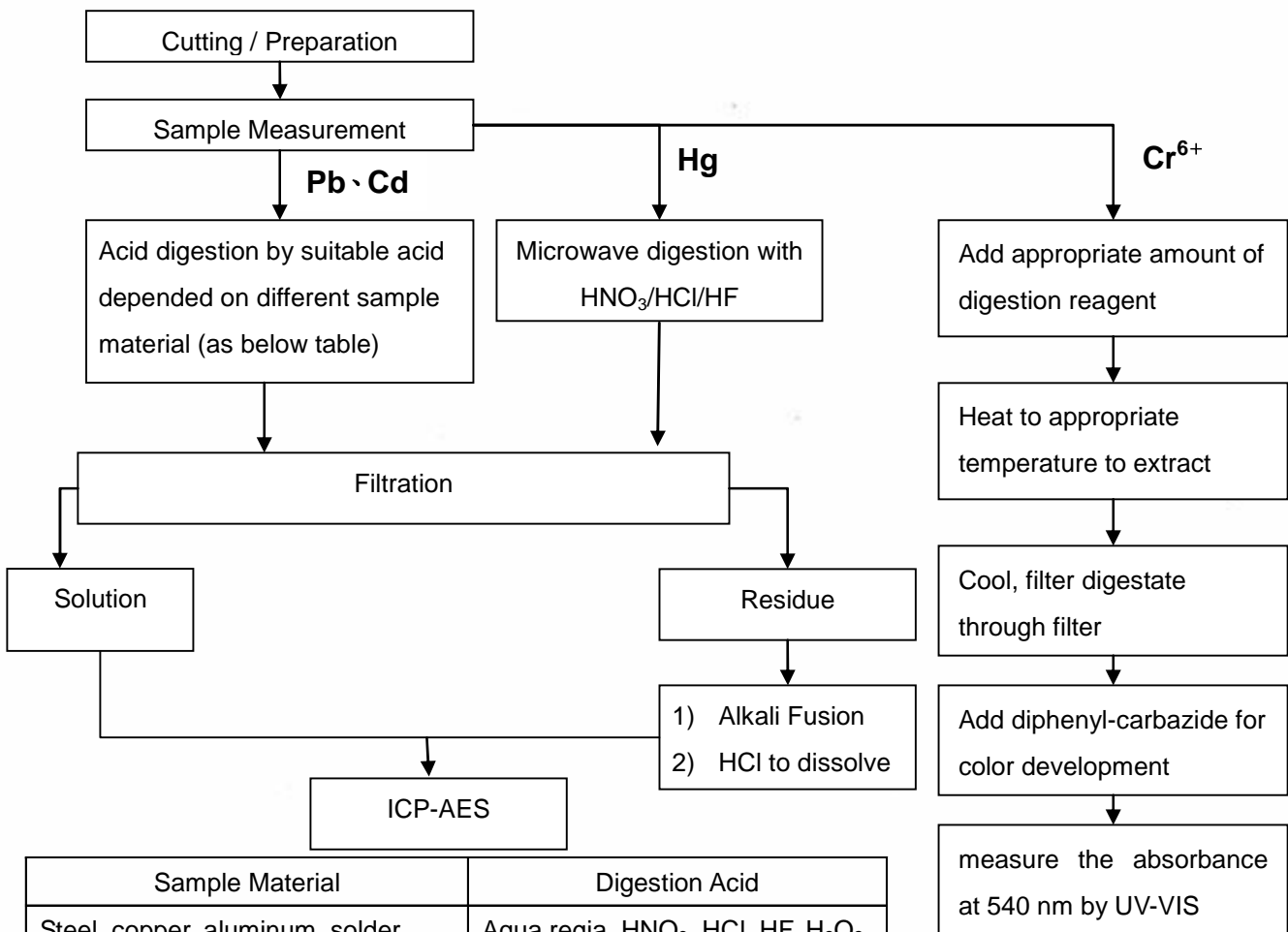
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- 1) These samples were dissolved totally by pre-conditioning method according to below flow chart.
 (Cr6+ test method excluded)
- 2) Name of the person who made measurement: Hungming Li
- 3) Name of the person in charge of measurement: Ray Chang



Sample Material	Digestion Acid
Steel, copper, aluminum, solder	Aqua regia, HNO ₃ , HCl, HF, H ₂ O ₂
Glass	HNO ₃ /HF
Gold, platinum, palladium, ceramic	Aqua regia
Silver	HNO ₃
Plastic	H ₂ SO ₄ , H ₂ O ₂ , HNO ₃ , HCl
Others	Any acid to total digestion

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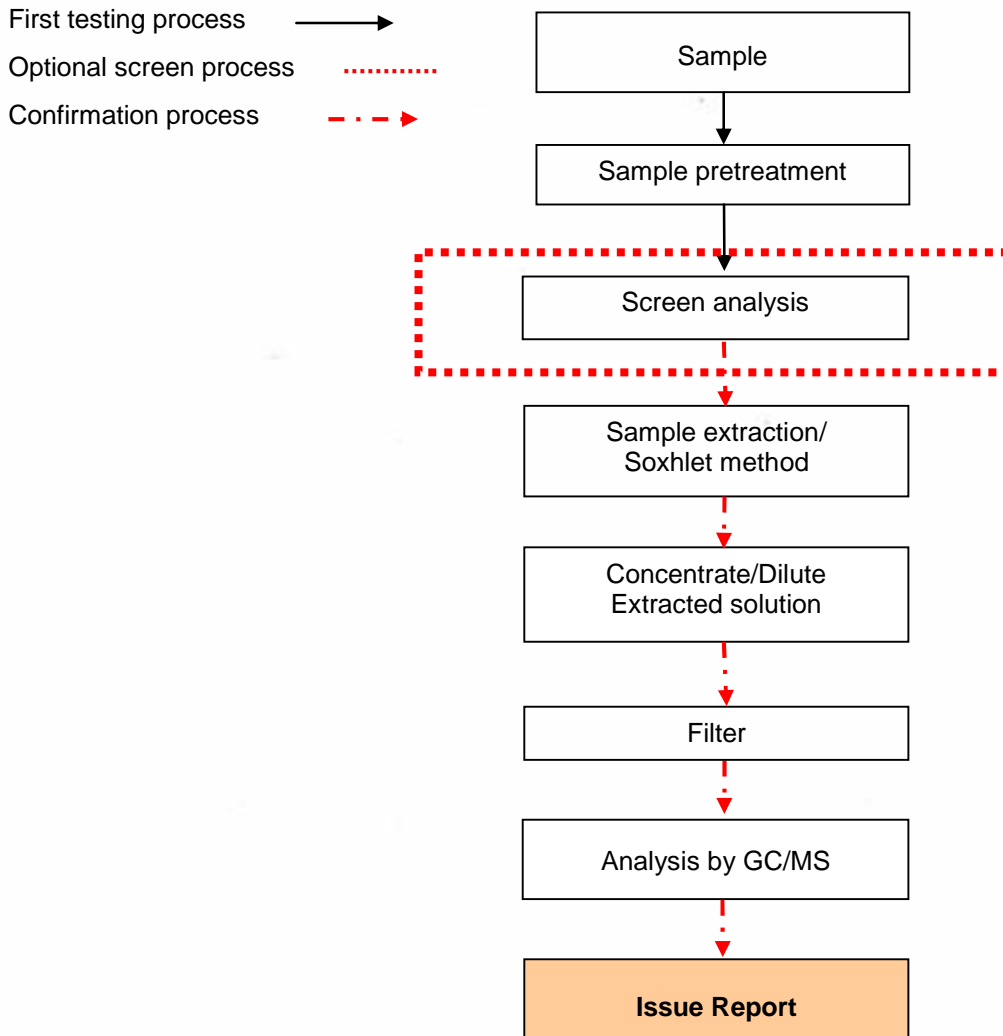
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PBB/PBDE analytical FLOW CHART

- 1) Name of the person who made measurement: Anson Tsao
- 2) Name of the person in charge of measurement: Ray Chang

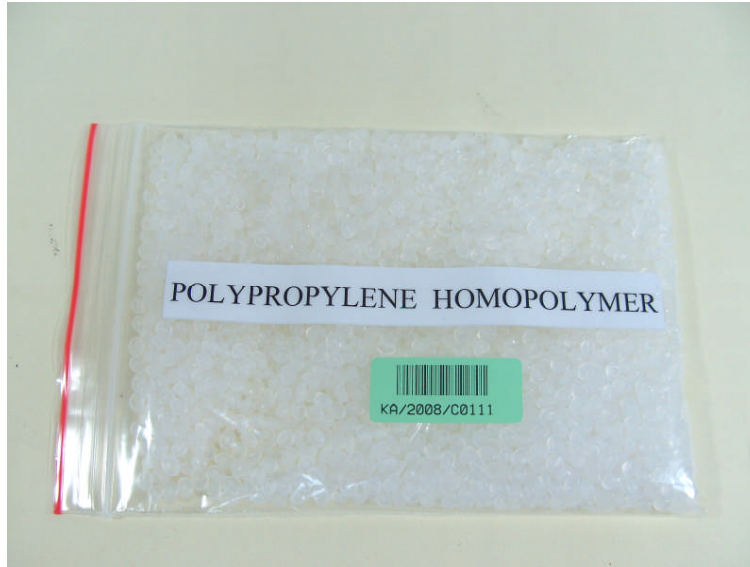


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** End of Report **

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