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DATA SPECIALTIES CO., LTD.

4F, NO. 1, LANE 112, RUEIGUANG RD, NEI-HU, 114 TAIPEI, TAIWAN, R. O. C.

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

Sample Description : DSL MEMORY MODULE

Style/Item No. : DDR 266/333/400 200PIN/184PIN 64MB~1GB, DDR2 400/533/667/800

200PIN/240PIN 128MB~4GB, DDR3 800/1066/1333/1600/1866 204PIN/240PIN

512MB~16GB

Sample Receiving Date : 2012/08/31

Testing Period : 2012/08/31 TO 2012/09/07

Test Result(s) : Please refer to next page(s).





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Test Result(s)

PART NAME No.1 : MIXED ALL GREEN PCB AND ALL COMPONENTS ON IT (5 TYPES)

Test Item(s)	Unit	Method	MDL	Result
. ,	Offic			No.1
Cadmium (Cd)	mg/kg	With reference to IEC 62321: 2008 and performed by ICP-AES.	2	n.d.
Lead (Pb)	mg/kg	With reference to IEC 62321: 2008 and performed by ICP-AES.	2	n.d.
Mercury (Hg)	mg/kg	With reference to IEC 62321: 2008 and performed by ICP-AES.	2	n.d.
Hexavalent Chromium Cr(VI)	mg/kg	With reference to IEC 62321: 2008 and performed by UV-VIS.	2	n.d.
Perfluorooctane sulfonates (PFOS-Acid, Metal Salt, Amide)	mg/kg	With reference to US EPA 3550C: 2007. Analysis was performed by LC/MS.	10	n.d.
PFOA (CAS No.: 335-67-1)	mg/kg	With reference to US EPA 3550C: 2007. Analysis was performed by LC/MS.	10	n.d.
Hexabromocyclododecane (HBCDD) (CAS No.: 25637-99-4)	mg/kg	With reference to US EPA 3540C method. Analysis was performed by GC/MS.	5	n.d.
Sum of PBBs	mg/kg	With reference to IEC 62321: 2008 and performed by GC/MS.	-	n.d.
Monobromobiphenyl	mg/kg		5	n.d.
Dibromobiphenyl	mg/kg		5	n.d.
Tribromobiphenyl	mg/kg		5	n.d.
Tetrabromobiphenyl	mg/kg		5	n.d.
Pentabromobiphenyl	mg/kg		5	n.d.
Hexabromobiphenyl	mg/kg		5	n.d.
Heptabromobiphenyl	mg/kg		5	n.d.
Octabromobiphenyl	mg/kg		5	n.d.
Nonabromobiphenyl	mg/kg		5	n.d.
Decabromobiphenyl	mg/kg		5	n.d.



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Unit	Method	MDI	Result
01110	Metriod	DL	No.1
mg/kg	With reference to IEC 62321: 2008 and performed by GC/MS.	-	n.d.
mg/kg		5	n.d.
%	With reference to EN 14372. Analysis	0.003	n.d.
	was performed by GC/MS.		
%	With reference to EN 14372. Analysis	0.003	n.d.
	was performed by GC/MS.		
%	With reference to EN 14372. Analysis	0.01	n.d.
	was performed by GC/MS.		
%	With reference to EN 14372. Analysis	0.01	n.d.
	was performed by GC/MS.		
%	With reference to EN 14372. Analysis	0.003	n.d.
	was performed by GC/MS.		
%	With reference to EN 14372. Analysis	0.003	n.d.
	was performed by GC/MS.		
	mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg mg/kg %	mg/kg mg/kg mg/kg mg/kg mg/kg Mith reference to EN 14372. Analysis was performed by GC/MS. With reference to EN 14372. Analysis was performed by GC/MS. With reference to EN 14372. Analysis was performed by GC/MS. With reference to EN 14372. Analysis was performed by GC/MS. With reference to EN 14372. Analysis was performed by GC/MS. With reference to EN 14372. Analysis was performed by GC/MS. With reference to EN 14372. Analysis was performed by GC/MS.	mg/kg

Note:

- 1. mg/kg = ppm; 0.1wt% = 1000ppm
- 2. n.d. = Not Detected
- 3. MDL = Method Detection Limit
- 4. " " = Not Regulated
- 5. The sample(s) was/were analyzed on behalf of the applicant as mixing sample in one testing. The above result(s) was/were only given as the informality value.

PFOS Reference Information: POPs - (EU) 757/2010

Outlawing PFOS as substances or preparations in concentrations above 0.001% (10ppm), in semi-finished products or articles or parts at a level above 0.1%(1000ppm), in textiles or other coated materials above 1µg/m².

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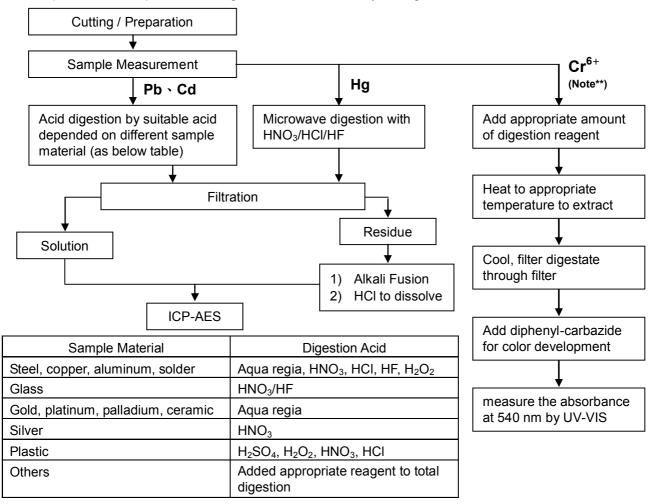
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- 2) Name of the person who made measurement: Climbgreat Yang
- 3) Name of the person in charge of measurement: Troy Chang

(Cr⁶⁺ test method excluded)



Note**: (1) For non-metallic material, add alkaline digestion reagent and heat to 90~95 ℃.

(2) For metallic material, add pure water and heat to boiling.

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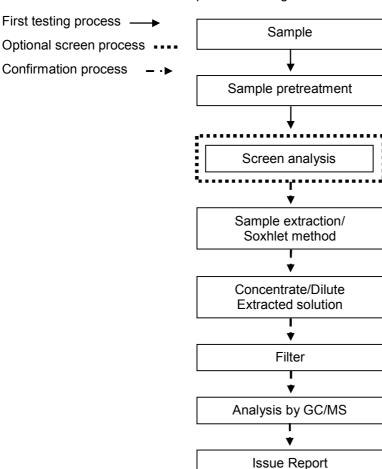
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PBB/PBDE analytical FLOW CHART

- Name of the person who made measurement: Roman Wong
- Name of the person in charge of measurement: Troy Chang





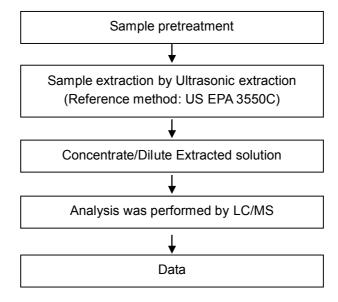
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PFOA/PFOS analytical flow chart of Ultrasonic extraction (LC/MS) procedure

- Name of the person who made measurement: Roman Wong
- Name of the person in charge of measurement: Troy Chang





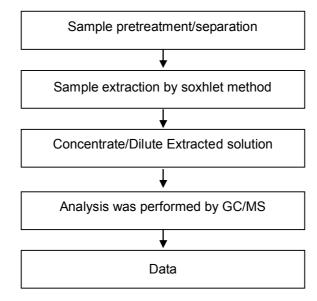
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HBCDD analytical flow chart

- Name of the person who made measurement: Roman Wong
- Name of the person in charge of measurement: Troy Chang





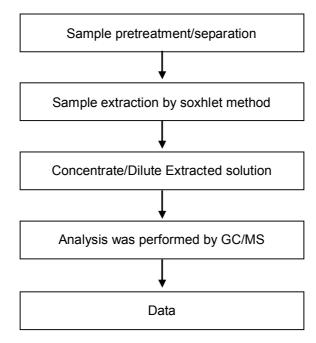
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Analytical flow chart of phthalate content

- Name of the person who made measurement: Roman Wong
- Name of the person in charge of measurement: Troy Chang





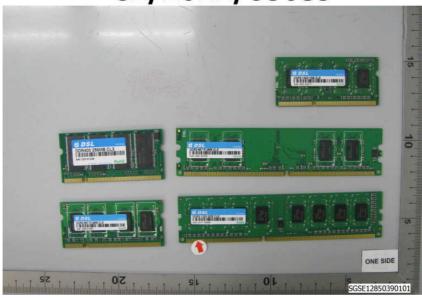
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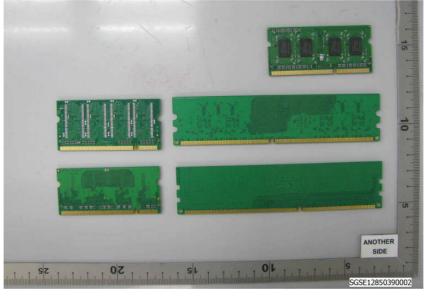


* The tested sample / part is marked by an arrow if it's shown on the photo. *

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** End of Report **