SHENZHEN SUNLORD ELECTRONICS CO., LTD
SUNLORD INDUSTRIAL PARK, GUANLAN DA FU YUAN, GUAN GUANG ROAD, BAO AN, SHENZHEN

The following sample(s) was/were submitted and identified on behalf of the applicant as Multilayer Chip Ferrite Bead
Client Reference: GZ D 料(GZ1005D, GZ1608D, GZ2012D, GZ3216D)

SGS Ref No.	: SZ10789873-21.1
Sample Receiving Date	: JAN 08, 2008
Testing Period	: JAN 08, 2008 TO JAN 14, 2008

Test Requested :A: To determine the Cadmium, Lead, Mercury, Hexavalent Chromium, PBBs (Polybrominated Biphenyls) & PBDEs (Polybrominated Diphenylethers) content in the submitted sample.

B: To determine Fluorine, Chlorine, Bromine, Iodine content in the submitted sample.

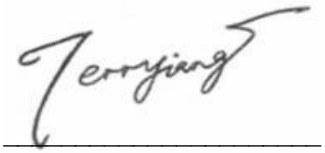
Test Method :A: With reference to IEC 62321 Ed.1 111/54/CDV
Procedures for the Determination of Levels of Regulated Substances in Electrotechnical Products
(1) Determination of Cadmium by ICP&AAS.
(2) Determination of Lead by ICP&AAS.
(3) Determination of Mercury by ICP.
(4) Determination of PBBs and PBDEs by GC-MS.

With reference to EPA 3060A: 1996 & EPA 7196A: 1992.
(5) Determination of Hexavalent Chromium by UV-Vis Spectrometry.

B: With reference to BS EN 14582:2007.
(6) Determination of Fluorine by IC method.
(7) Determination of Chlorine by IC method.
(8) Determination of Bromine by IC method.
(9) Determination of Iodine by IC method.

Test Results : Please refer to next page.

Signed for and on behalf of
SGS-CSTC Ltd.



Jiang YongPing, Terry
Sr. Engineer

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

A:

Test Item(s):	Method (refer to)	No.1	MDL
Cadmium(Cd)	(1)	N.D.	2
Lead (Pb)	(2)	42	2
Mercury (Hg)	(3)	N.D.	2
Hexavalent Chromium (CrVI) by alkaline extraction	(5)	N.D.	2
Sum of PBBs	(4)	**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

Note : 1. mg/kg = ppm
2. N.D. = Not Detected (< MDL)
3. MDL = Method Detection Limit
4. "-" = Not regulated

B:

Test Item(s):	Method (refer to)	No.1	MDL
Fluorine (F)	(6)	N.D.	50
Chlorine (Cl)	(7)	N.D.	50
Bromine (Br)	(8)	N.D.	50
Iodine (I)	(9)	N.D.	50

Note : 1. mg/kg = ppm
2. N.D. = Not Detected (< MDL)
3. MDL = Method Detection Limit

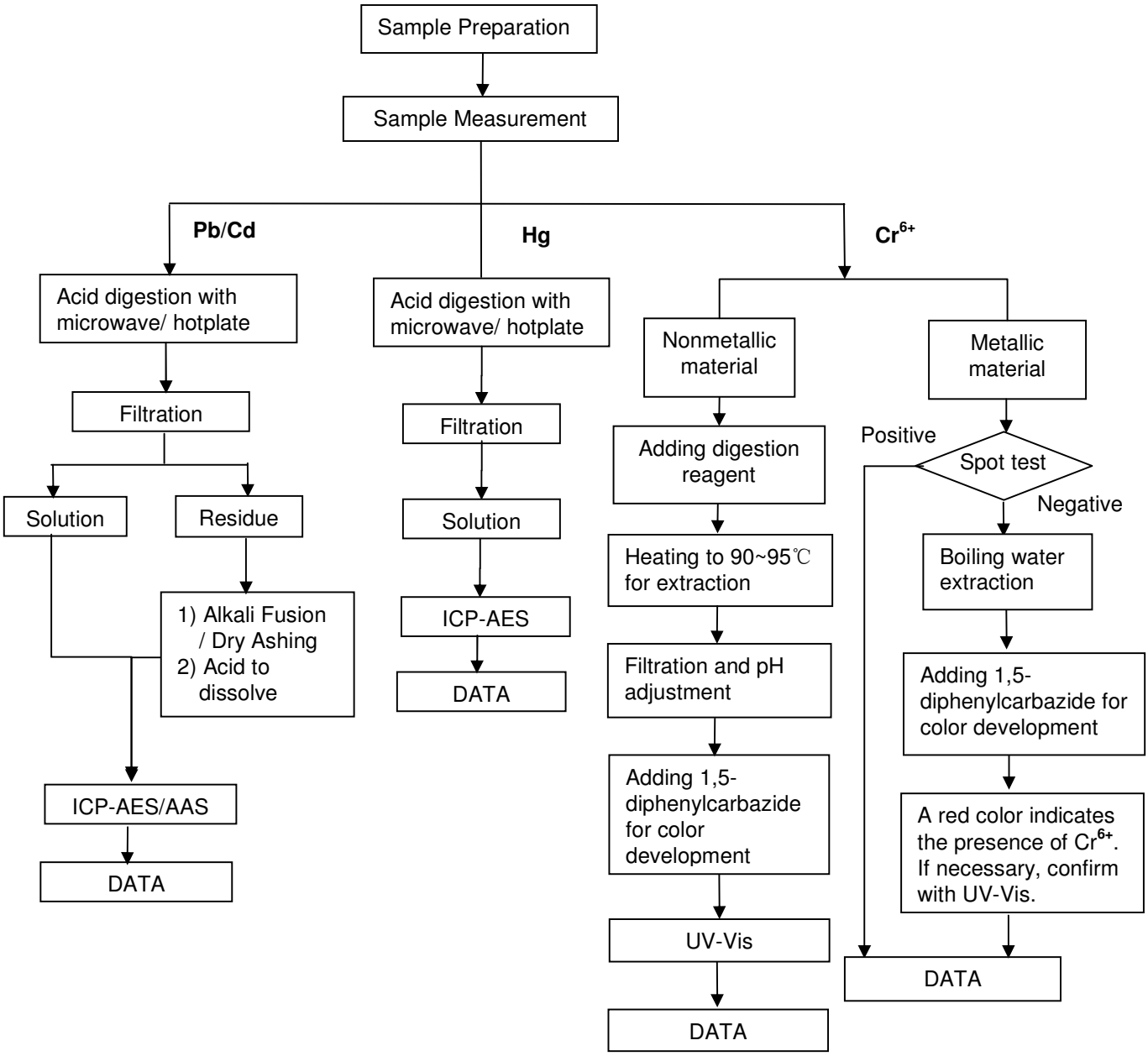
Test Part Description:
No.1 Dk-grey particle w/ silvery metal edge (mixed)

Remark : As requested by client, the testing was conducted as whole / part sample, for the sample can't be disjointed.

ATTACHMENTS

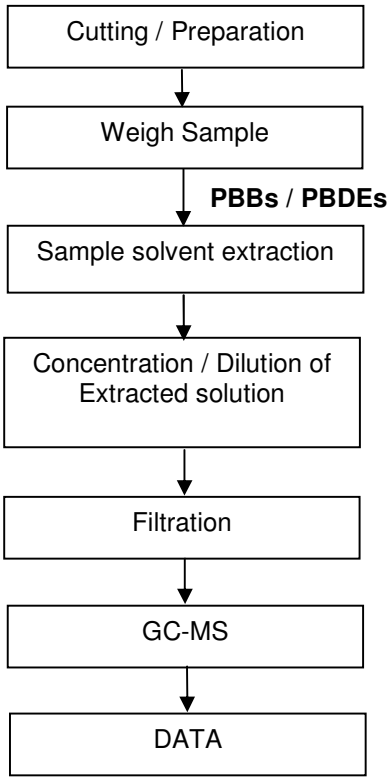
Testing Flow Chart

1) Name of the person who made measurement: David Shen
2) Name of the person in charge of measurement: Emily Feng



Testing Flow Chart

1) Name of the person who made measurement: Fiona Xu
2) Name of the person in charge of measurement: Nina Wu



Sample photo :

SGS authenticate the photo on original report only

*** End of Report ***