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VIGATEC CO., LTD. 2F., NO. 369-1, SEC. 2, JHONGSHAN RD., JHONGHE CITY, TAIPEI

COUNTY 235, TAIWAN

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

Sample Description **TERMINAL SERIES**

Style/Item No. 28 SERIES Sample Receiving Date 2009/02/27

Testing Period 2009/02/27 TO 2009/03/06

In accordance with the RoHS Directive 2002/95/EC, and its **Test Requested**

amendment directives.

With reference to IEC 62321: 2008 **Test Method**

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 by Spot test /

boiling water extraction Method.

(5) Determination of PBB and PBDE by GC/MS.

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

Chenyu Kung / Operation Manager Signed for and on behalf of

SGS TAIWAN LTD.

Chemical Laboratory - Taipei

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

Test Item (s):	Method (Refer to)	Result		MDL
		No.1	No.2	IVIDL
Cadmium (Cd)	(1)	n.d.	n.d.	2
Lead (Pb)	(2)	21	17	2
Mercury (Hg)	(3)	n.d.	n.d.	2
Hexavalent Chromium Cr(VI) by Spot test / boiling water extraction	(4)	Negative	Negative	See Note 4
Sum of PBBs	(5)	n.d.	n.d.	-
Monobromobiphenyl		n.d.	n.d.	5
Dibromobiphenyl		n.d.	n.d.	5
Tribromobiphenyl		n.d.	n.d.	5
Tetrabromobiphenyl		n.d.	n.d.	5
Pentabromobiphenyl		n.d.	n.d.	5
Hexabromobiphenyl		n.d.	n.d.	5
Heptabromobiphenyl		n.d.	n.d.	5
Octabromobiphenyl		n.d.	n.d.	5
Nonabromobiphenyl		n.d.	n.d.	5
Decabromobiphenyl		n.d.	n.d.	5
Sum of PBDEs		n.d.	n.d.	-
Monobromodiphenyl ether		n.d.	n.d.	5
Dibromodiphenyl ether		n.d.	n.d.	5
Tribromodiphenyl ether		n.d.	n.d.	5
Tetrabromodiphenyl ether		n.d.	n.d.	5
Pentabromodiphenyl ether		n.d.	n.d.	5
Hexabromodiphenyl ether		n.d.	n.d.	5
Heptabromodiphenyl ether		n.d.	n.d.	5
Octabromodiphenyl ether		n.d.	n.d.	5
Nonabromodiphenyl ether		n.d.	n.d.	5
Decabromodiphenyl ether		n.d.	n.d.	5

TEST PART DESCRIPTION:

SILVER COLORED METAL (INCLUDING THE PLATING LAYER) NO.1 NO.2 GOLDEN COLORED METAL (INCLUDING THE PLATING LAYER)

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Note : 1. mg/kg = ppm ; 0.1wt% = 1000ppm

2. n.d. = Not Detected

3. MDL = Method Detection Limit

4. Spot-test:

Negative = Absence of Cr(VI) coating / surface layer, Positive = Presence of Cr(VI) coating / surface layer;

(The tested sample should be further verified by boiling-water-extraction method if the spot test result cannot be confirmed.)

Boiling-water-extraction:

Negative = Absence of Cr(VI) coating / surface layer. Positive = Presence of Cr(VI) coating / surface layer; the detected concentration in boiling-water-extraction solution is equal or greater than 0.02 mg/kg with 50 cm² sample surface area.

- 5. "-" = Not Regulated
- 6. 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.

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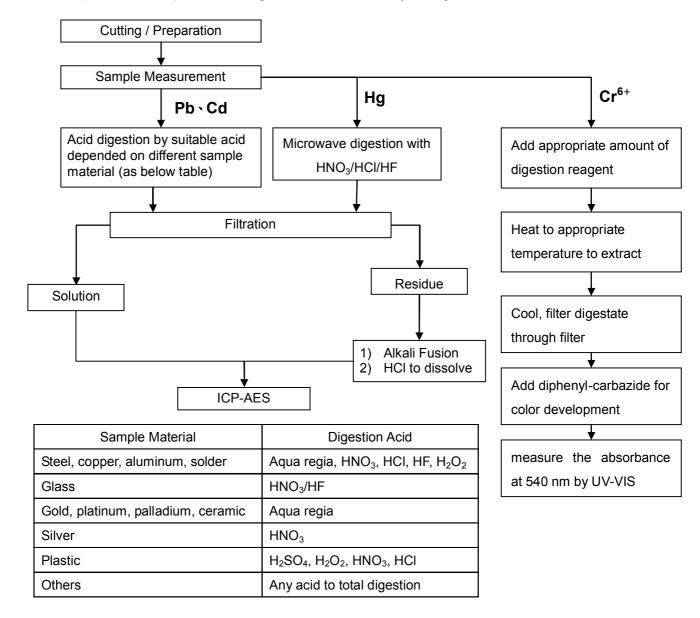


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- 1) These samples were dissolved totally by pre-conditioning method according to below flow chart. (Cr⁶⁺ test method excluded)
- 2) Name of the person who made measurement: Climbgreat Yang
- 3) Name of the person in charge of measurement: Troy Chang



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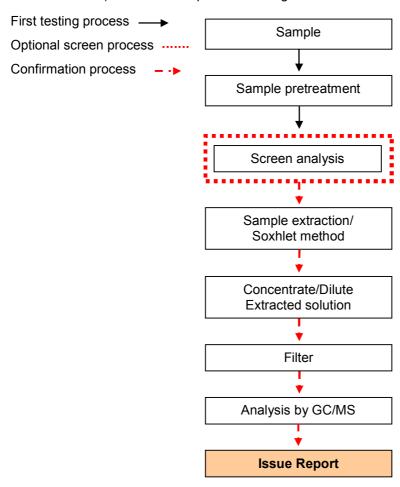
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PBB/PBDE analytical FLOW CHART

- 1) Name of the person who made measurement: Roman Wong
- 2) Name of the person in charge of measurement: Shinjyh Chen



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** End of Report **

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