

SGS

069-873355

Test Report

No.: GZSCR050418310/LP

Date: APR 25, 2005

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BRIGHT LED ELECTRONICS CORP.
NO.8, GAO LONG DONG ROAD,
GAO BU TOWN, DONGGUAN CITY

Report on the submitted sample said to be BACK LIGHT LED

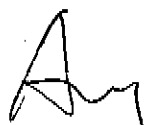
SGS Ref No. : SZ050405273EC-12.10
Sample Receiving Date : APR 04, 2005
Further Information Date : APR 15, 2005
Testing Period : APR 04, 2005 TO APR 25, 2005

Test Requested : (1) As specified by client, to determine the Lead, Cadmium, Mercury & Hexavalent Chromium content in the submitted sample.
(2) Determination of PBBs (polybrominated biphenyls), PBDEs (Polybrominated diphenylethers) of the submitted sample.

Test method : (1) Sample 1
Cadmium content : With reference to BS EN 1122:2001 Method B see flowchart (1).
Lead content : Ashing after wet decomposition see flowchart (2).
Mercury content - With reference to EPA 3052: 1996.
Hexavalent Chromium content - with reference to EPA 3060A: 1996 & EPA 7196A: 1992.
Sample 2
Cadmium content - In-house method, with reference to BS EN1122: 2001 method B.
Lead content - In-house method, with reference to EPA method 3050B: 1996.
Mercury content - In-house method, with reference to EPA 3052: 1996.
Hexavalent Chromium content - with reference to EPA 3060A: 1996 & EPA 7196A: 1992.
Analysis was performed by Atomic Absorption Spectrometer and Inductively Coupled Plasma Atomic Emission Spectrometer (ICP-AES) / UV-VIS Spectrophotometer.
(2) With reference to SGS in-house method. Analysis was performed by GC/MS.

Results : Please refer to next page.

Signed for and on behalf of
SGS-CSTC Ltd.



Zhang Li, Amy
Sr. Engineer

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Results :

(1)

	No.1	No.2
Lead Content (Pb)(ppm)	10	11
Cadmium Content (Cd)	N.D.	N.D.
Mercury Content (Hg)	N.D.	N.D.
Hexavalent Chromium Content [Cr(VI)]	N.D.	N.D.

Note : - N.D. = Not Detected (< 2 ppm)
- ppm = mg/kg

(2)

Flame Retardants	No.1	No.2	Detection Limit (ppm)
Polybrominated Biphenyls (PBBs)			
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
Nonabromodiphenyl	N.D.	N.D.	5
Decabromodiphenyl	N.D.	N.D.	5
Polybrominated Diphenylether (PBDEs)			
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

Note : - N.D. = Not Detected (< 5 ppm)
- ppm = mg/kg

Specimen Description:

No.1 Transparent plastic sheet + White adhesive plastic sheet

No.2 White body w/ silvery metal pin

*** End of Report ***

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GZCM 221114



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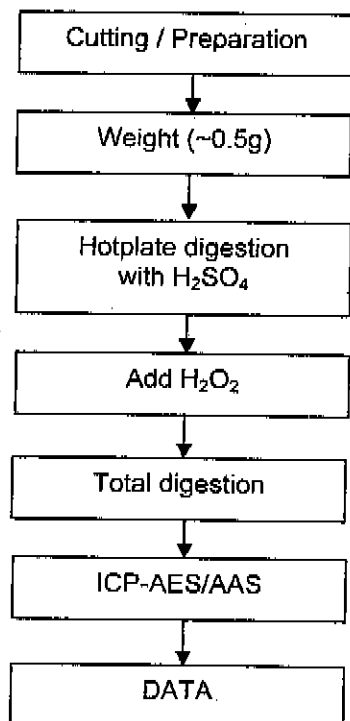
Date: APR 25, 2005

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ATTACHMENTS

(1)

Flow chart of digestion (Cadmium content):



The samples were dissolved totally by pre-conditioning method according to above flow chart.

Operator : Sams Deng
Leader : Joe Li

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GZCM 221115



Test Report

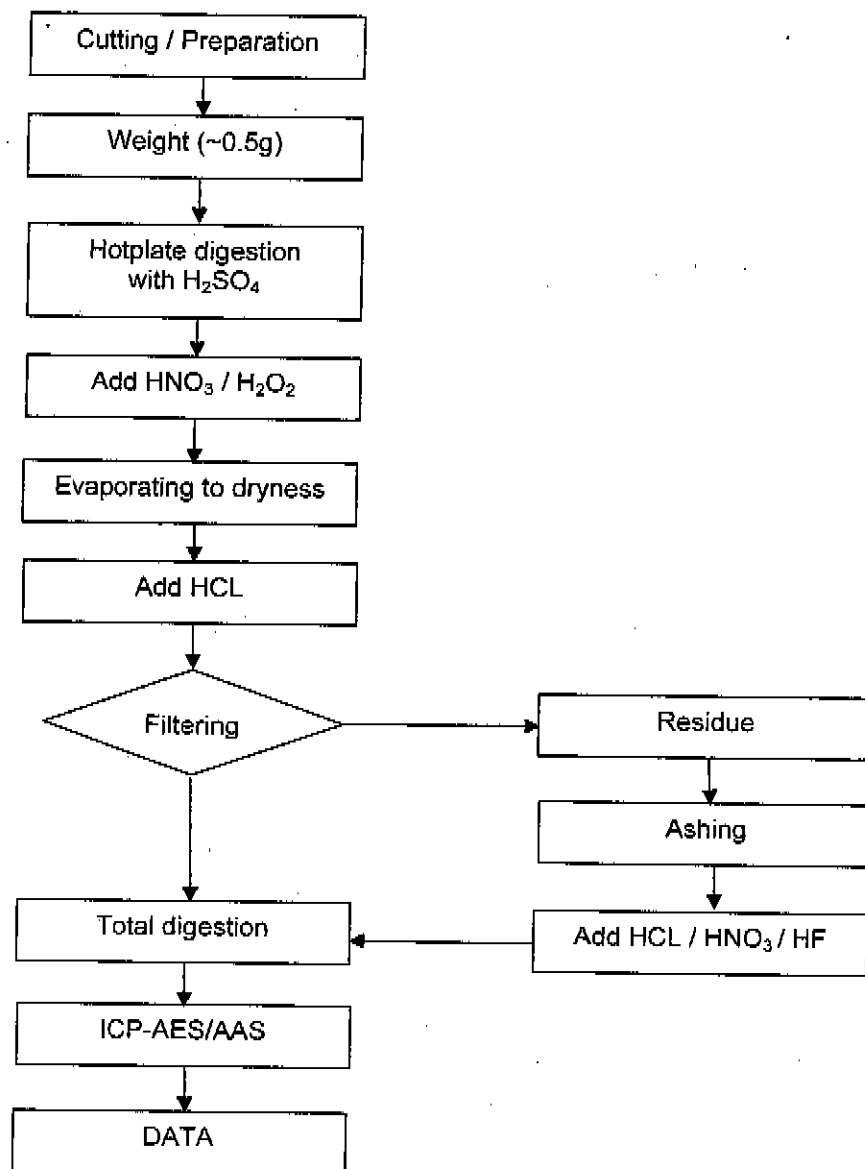
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(2)

Flow chart of digestion (wet decomposition and ashing) (Lead content) :



The samples were dissolved totally by pre-conditioning method according to above flow chart.

Operator : Vincent Li
 Leader : Adams Yu

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