



同伟 0769-8733355

Test Report

No.: GZSCR050418303/LP

Date: APR 19, 2005

Page 1 of 4

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

Report on the submitted sample said to be BPR-205

SGS Ref No. : SZ050405273EC-12.3
Sample Receiving Date : APR 04, 2005
Further Information Date : APR 15, 2005
Testing Period : APR 04, 2005 TO APR 19, 2005

Test Requested : (1) As specified by client, sample 1 & 2 to determine the Lead, Cadmium, Mercury & Hexavalent Chromium content in the submitted sample.
(2) Sample 1: 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.

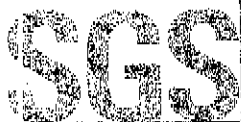
RESULTS : Please refer to next page.

Signed for and on behalf of
SGS-CSTC Ltd.

Zhang Li, Amy
Sr. Engineer

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or attached. Said Conditions are also available upon request or are accessible at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 30 days only. This Test Report shall not be reproduced except in full, without written approval of the Company.

GZCM 223523



Test Report

No.: GZSCR050418303/LP

Date: APR 19, 2005

Page 2 of 4

Results :

(1)

	No.1	No.2
Lead Content (Pb) (ppm)	N.D.	8
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	Detection Limit (ppm)
Polybrominated Biphenyls (PBBs)		
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
Nonabromodiphenyl	N.D.	5
Decabromodiphenyl	N.D.	5
Polybrominated Diphenylether (PBDEs)		
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 : - N.D. = Not Detected (< 5 ppm)
- ppm = mg/kg

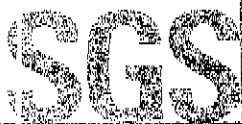
Specimen Description:

- No.1 Black plastic part w/ purple, blue & pink printing
No.2 Silvery metal pin

*** End of Report ***

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or attached. Said Conditions are also available upon request or are accessible at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 30 days only. This Test Report shall not be reproduced except in full, without written approval of the Company.

GZCM 223524



Test Report

No.: GZSCR050418303/LP

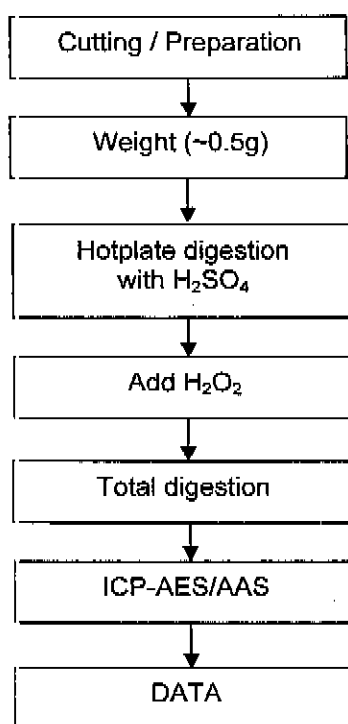
Date: APR 19, 2005

Page 3 of 4

ATTACHMENTS

(1)

Flow chart of digestion (Cadmium content) :

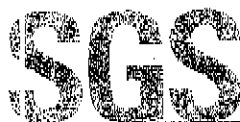


The samples were dissolved totally by pre-conditioning method according to above flow chart.

Operator : Sams Deng
Leader : Joe Li

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or attached. Said Conditions are also available upon request or are accessible at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 30 days only. This Test Report shall not be reproduced except in full, without written approval of the Company.

GZCM 223525



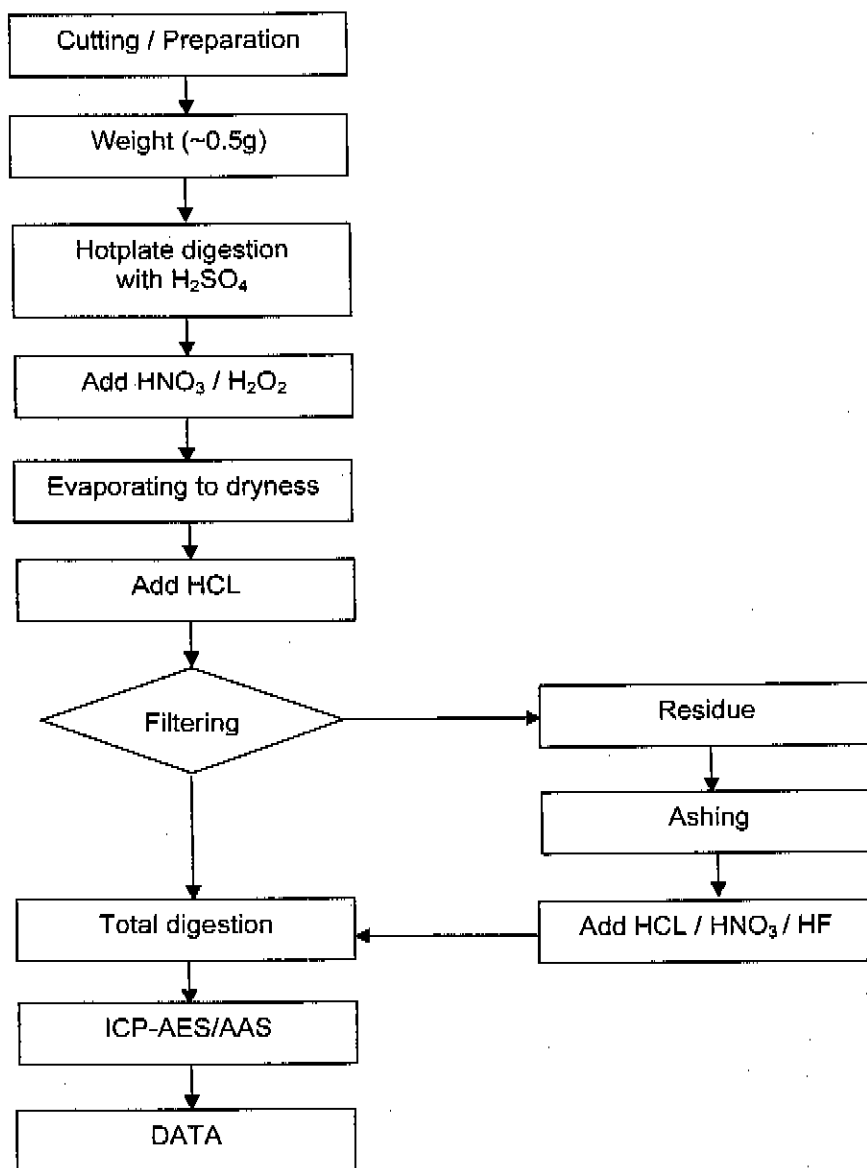
Test Report

No.: GZSCR050418303/LP

Date: APR 19, 2005 Page 4 of 4

(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

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or attached. Said Conditions are also available upon request or are accessible at www.sgs.com. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. The results shown in this Test Report refer only to the sample(s) tested unless otherwise stated and such sample(s) are retained for 30 days only. This Test Report shall not be reproduced except in full, without written approval of the Company.

GZCM 223526