

Test Report

No. SZR170406002001

Date: Apr. 07, 2017

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Applicant : SHENZHEN LEPOWER OPTO ELECTRONICS CORP.,LTD
Address : 3-5 Floors,Bldg B,Chuangfu Science Technology Park, Shihuan Rd
 No.202,Shangwu Community,Shiyan St,Bao'an District,Shenzhen
The submitted sample and sample information was/were submitted and identified by/on the behalf of the client
Sample name : EMC3535
Type /model : LY-CMDA0050102B2345(Main test), LY-RMDA005010XXX /
 LY-GMDA005010XXX / LY-BMDA005010XXX /
 LY-OMDA005010XXX / LY-YMDA005010XXX / LY-PMDA005010XXX
Sample received date : Apr. 06, 2017
Testing period : Apr. 06, 2017 to Apr. 07, 2017
Test requested : As specified by client, to test the Lead(Pb), Cadmium(Cd),
 Mercury(Hg), Hexavalent Chromium(Cr(VI)), Polybrominated
 Biphenyl(PBBs) and Polybrominated Diphenyl Ethers (PBDEs) in the
 submitted sample.

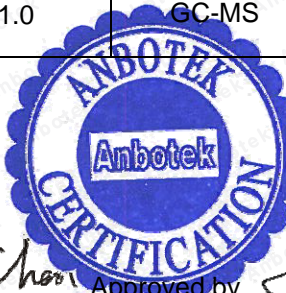
According to California lighting efficiency and toxics reduction act, Assembly Bill 1109 (AB 1109)

Test Method:

Tested Item(s)	Test Method	Measured Equipment(s)	MDL Unit (mg/kg)
Lead(Pb)	IEC 62321-5:2013 Ed.1.0	ICP-OES	2
Cadmium(Cd)	IEC 62321-5:2013 Ed.1.0	ICP-OES	2
Mercury(Hg)	IEC 62321-4:2013 Ed.1.0	ICP-OES	2
Hexavalent Chromium(Cr(VI))	IEC 62321:2008 Ed.1 Annex C	UV-Vis	2
Polybrominated Biphenyls(PBBs)	IEC 62321-6:2015 Ed.1.0	GC-MS	5
Polybrominated Diphenyl Ethers (PBDEs)	IEC 62321-6:2015 Ed.1.0	GC-MS	5

Test Result(s): Please refer to the following page(s).

Tested by Wenjun Li Inspected by Sahon Chen Approved by Jun Li



Shenzhen Anbotek Compliance Laboratory Limited

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Tested Sample/Part Description:

A* Overall mixed

Test Result(s):

Tested Item(s)	Result Unit (mg/kg)	Limit Unit (mg/kg)
	A*	
Lead (Pb)	N.D.	1000
Cadmium (Cd)	N.D.	100
Mercury (Hg)	N.D.	1000
Hexavalent Chromium (Cr(VI))	N.D.	1000

Tested Item(s)	Result Unit (mg/kg)	Limit Unit (mg/kg)
	A*	
Polybrominated Biphenyls(PBBs)	N.D.	1000
Monobromobiphenyl	N.D.	--
Dibromobiphenyl	N.D.	--
Tribromobiphenyl	N.D.	--
Tetrabromobiphenyl	N.D.	--
Pentabromobiphenyl	N.D.	--
Hexabromobiphenyl	N.D.	--
Heptabromobiphenyl	N.D.	--
Octabromobiphenyl	N.D.	--
Nonabromobiphenyl	N.D.	--
Decabromobiphenyl	N.D.	--
Polybrominated Diphenyl Ethers(PBDEs)	N.D.	1000
Monobromodiphenyl ether	N.D.	--
Dibromodiphenyl ether	N.D.	--
Tribromodiphenyl ether	N.D.	--
Tetrabromodiphenyl ether	N.D.	--

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Tested Item(s)	Result	Limit Unit (mg/kg)
	Unit (mg/kg) A*	
Pentabromodiphenyl ether	N.D.	--
Hexabromodiphenyl ether	N.D.	--
Heptabromodiphenyl ether	N.D.	--
Octabromodiphenyl ether	N.D.	--
Nonabromodiphenyl ether	N.D.	--
Decabromodiphenyl ether	N.D.	--

Note:

-MDL = Method Detection Limit

-N.D. = Not Detected (<MDL)

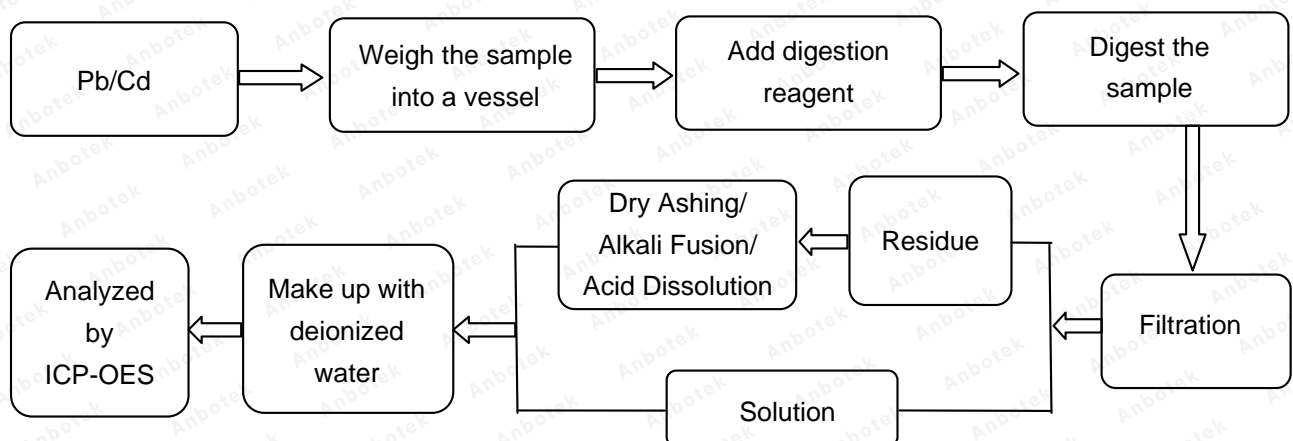
-mg/kg = ppm = parts per million

-A* = According to the applicant's request, the admixture of specimen A is tested as a whole. The testing results of specimen A may be different from that of any sole material in specimen A.

Test Process:

The sample(s) had been dissolved totally tested for Lead, Cadmium, Mercury.

◆ IEC 62321-5:2013 Ed.1.0



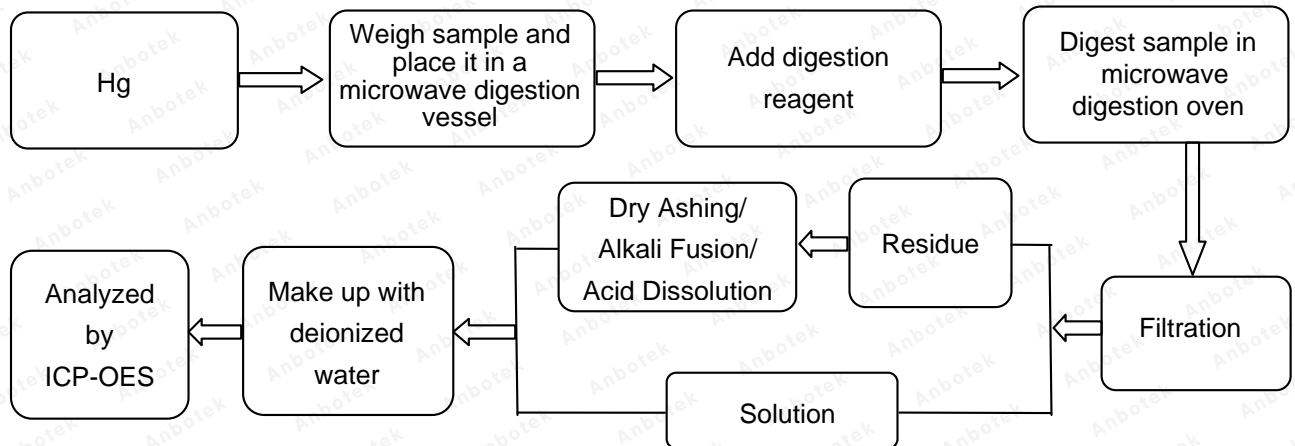
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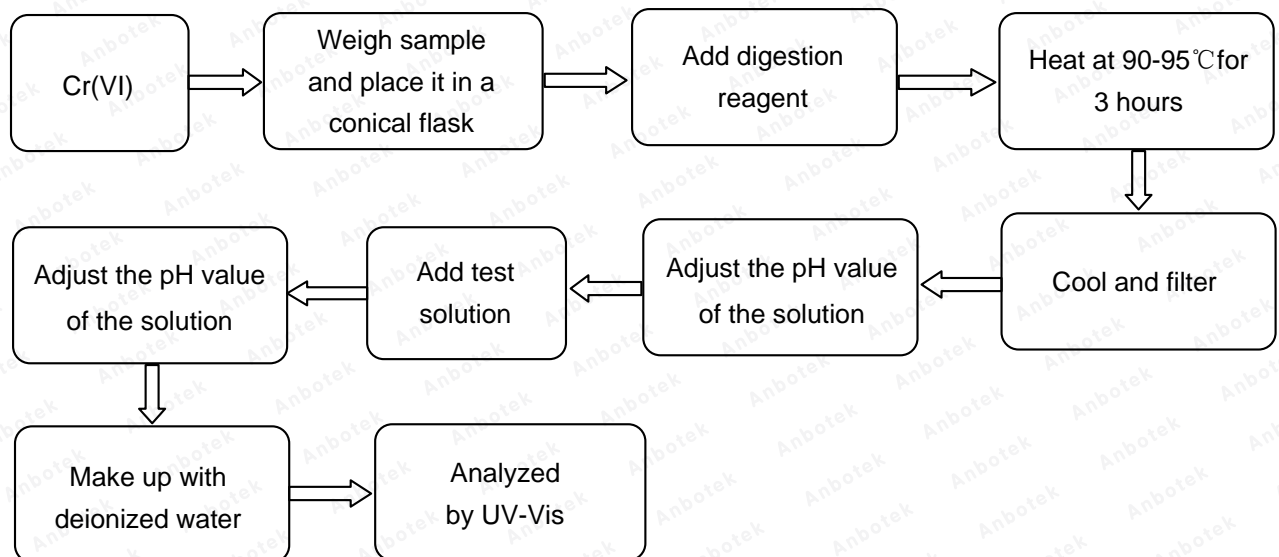
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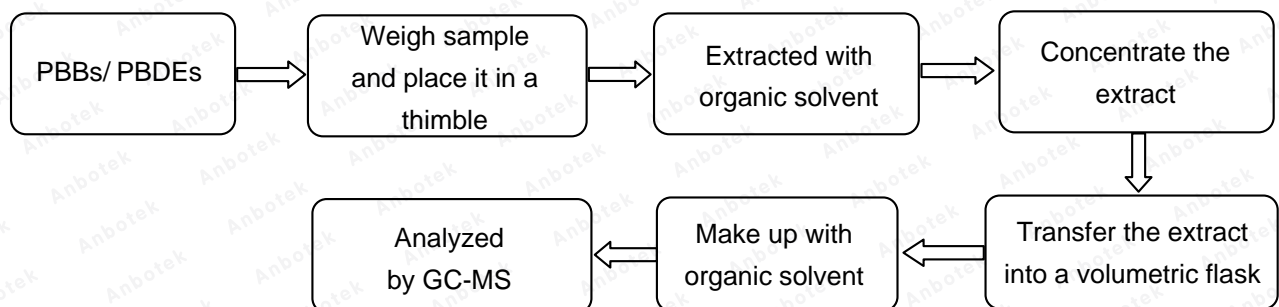
◆ **IEC 62321-4:2013 Ed.1.0**



◆ **IEC 62321:2008 Ed.1 Annex C**



◆ **IEC 62321-6:2015 Ed.1.0**



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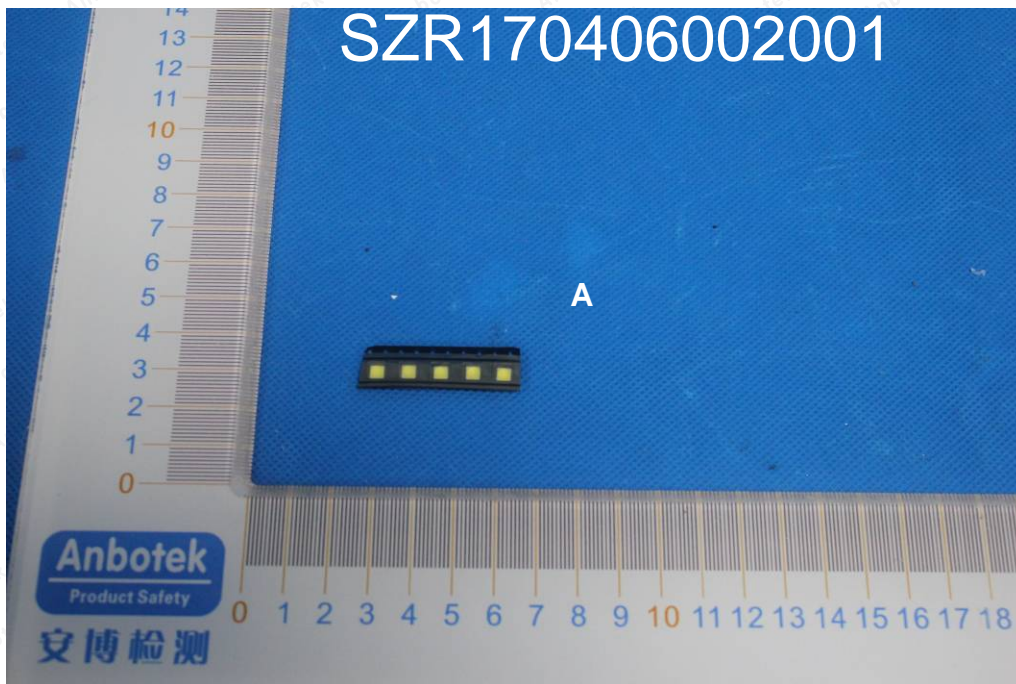
Appendix

The below information is provided by client:

This type of lamp bead is applied to below lamp model No.:

110354、110367、110549、110537、74150、110539、110550、110551、110540、74298、74301、
73599、74151、73646、74152、74153、72118、72303、110552、74288、72184、34207、72947、72862、
72863、72864、72865、72866、74218、74279、110534、73337、73533、73581、73657、74112、74175、
74538、74540、75520、75522、75524、110552、74288、74937、74936、73112、70619、72288、110654、
110653、110655、110656、110657

Photograph of Sample



**** End of Report ****

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