

Test Report

Applicant: GuangZhou STS Lighting Equipment Co.,Ltd.
No.251 Tingshi North Road Chaoyang Shijing Town Baiyun District
Guangzhou China

Report on the submitted sample(s) said to be:

Sample Name: MOVING HEAD
Model: M WASH 406, MOVING 200B, MOVING 200L, MOVING 200S
M SPOT 10, M SPOT 30R
Trade Mark: STSLITE
Date of Test: Mar. 12, 2018 - Mar. 21, 2018
Date of Report: Mar. 21, 2018

Test Requested: Base upon the performed tests by submitted sample, the test results comply with the limits as set by Directive (EU) 2015/863 - Amendment of EU RoHS Directive 2011/65/EU (RoHS 2.0) Annex II.

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

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

Checked By:



(Eric Zhang)

Approved By:



(Coco Tang)

Test Method:

(1) With reference to IEC 62321:2008

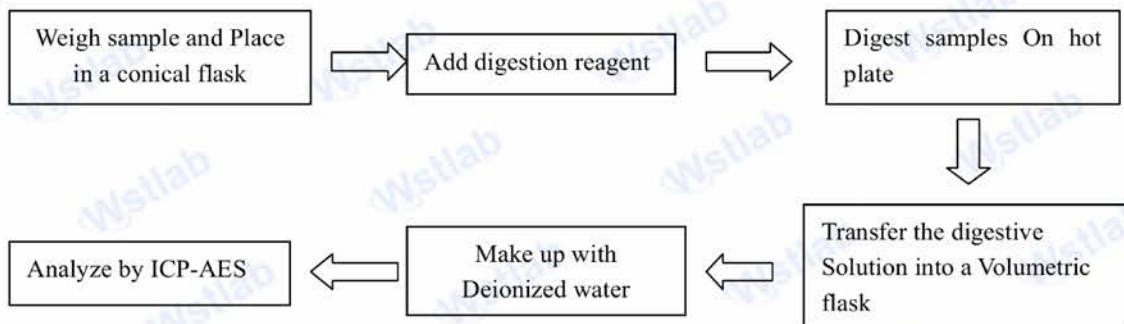
Testing item	Pretreatment method	Measuring instrument	MDL
Lead(Pb)	IEC 62321-5: 2013	ICP-OES	2 mg/kg
Cadmium(Cd)	IEC 62321-5: 2013	ICP-OES	2 mg/kg
Mercury(Hg)	IEC 62321-4: 2013	ICP-OES	2 mg/kg
Chromium(Cr VI)	IEC 62321:2008	UV-VIS	2 mg/kg
PBBs/ PBDEs	IEC 62321-6:2015	GC-MS	5 mg/kg

(2) With reference to EN 14372:2004

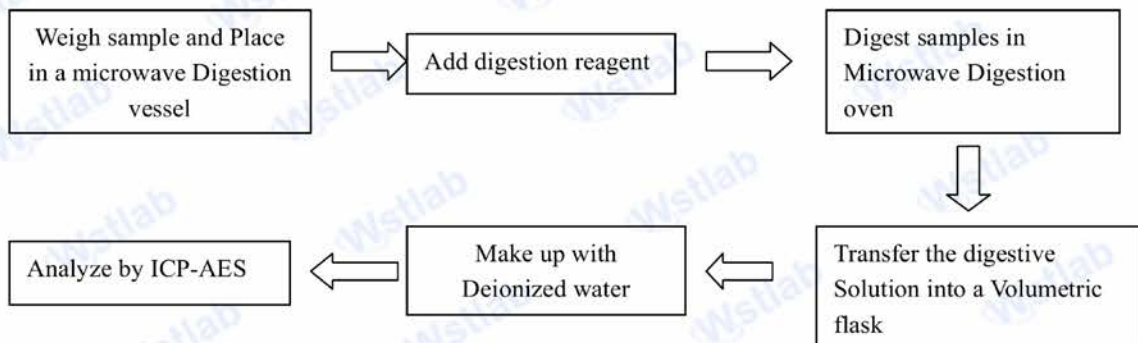
Testing item	Pretreatment method	Measuring instrument	MDL
DEHP, DBP, BBP, DIBP	EN 14372:2004	GC-MS	0.003 mg/kg

Test Process:

1. Test for Cd/Pb Content

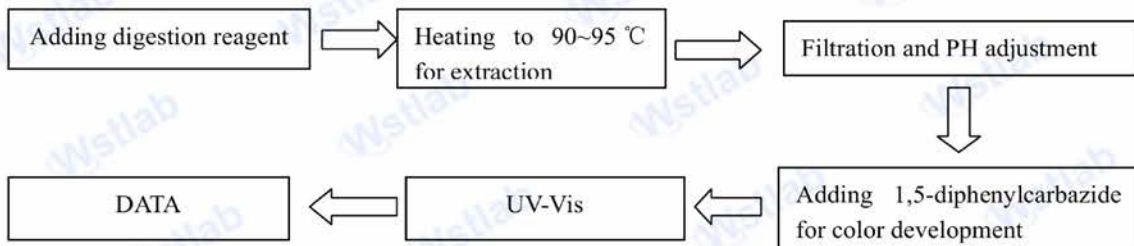


2. Test for Hg Content

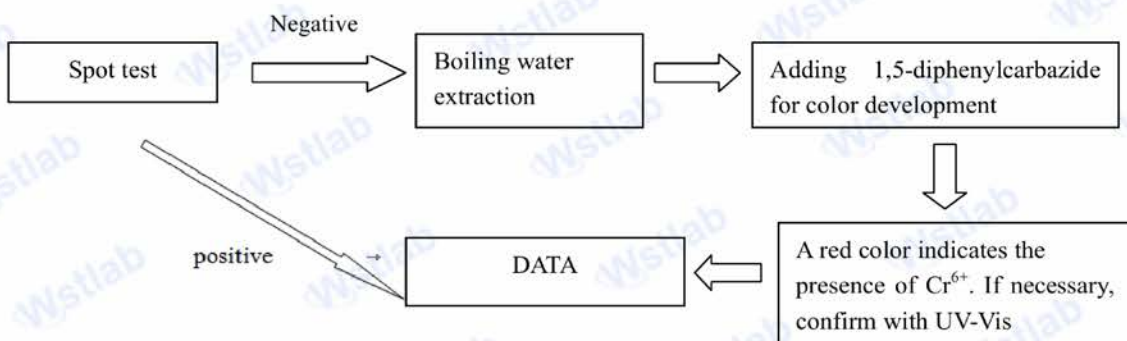


3. Test for Chromium(VI) Content

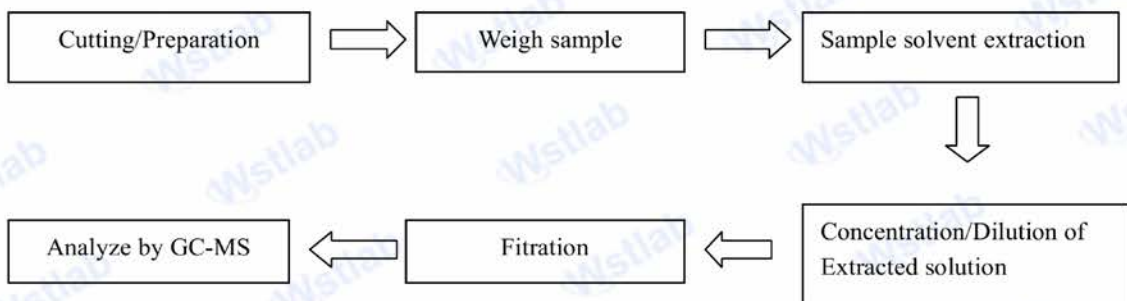
Nonmetallic material



Metallic material



4. Test for DBP, BBP, DEHP, DIHP, DIBP, PBB, PBDE Content



Test Results:

Testing Item	Unit	ROHS Limit	Result					
			1	2	3	4	5	6
Lead(Pb)	mg/kg	1000	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Cadmium(Cd)	mg/kg	100	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Mercury(Hg)	mg/kg	1000	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Chromium(Cr VI)	mg/kg	1000	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Sum of PBBs	mg/kg	1000	N.D.	N.D.	N.D.	N.D.	/	/
Monobromobiphenyl	mg/kg	-	N.D.	N.D.	N.D.	N.D.	/	/
Dibromobiphenyl	mg/kg	-	N.D.	N.D.	N.D.	N.D.	/	/
Tribromobiphenyl	mg/kg	-	N.D.	N.D.	N.D.	N.D.	/	/
Tetrabromobiphenyl	mg/kg	-	N.D.	N.D.	N.D.	N.D.	/	/
Pentabromobiphenyl	mg/kg	-	N.D.	N.D.	N.D.	N.D.	/	/
Hexabromobiphenyl	mg/kg	-	N.D.	N.D.	N.D.	N.D.	/	/
Heptabromobiphenyl	mg/kg	-	N.D.	N.D.	N.D.	N.D.	/	/
Octabromobiphenyl	mg/kg	-	N.D.	N.D.	N.D.	N.D.	/	/
Nonabromobiphenyl	mg/kg	-	N.D.	N.D.	N.D.	N.D.	/	/
Decabromobiphenyl	mg/kg	-	N.D.	N.D.	N.D.	N.D.	/	/
Sum of PBDEs	mg/kg	1000	N.D.	N.D.	N.D.	N.D.	/	/
Monobromodiphenyl ether	mg/kg	-	N.D.	N.D.	N.D.	N.D.	/	/
Dibromodiphenyl ether	mg/kg	-	N.D.	N.D.	N.D.	N.D.	/	/
Tribromodiphenyl ether	mg/kg	-	N.D.	N.D.	N.D.	N.D.	/	/
Tetrabromodiphenyl ether	mg/kg	-	N.D.	N.D.	N.D.	N.D.	/	/
Pentabromodiphenyl ether	mg/kg	-	N.D.	N.D.	N.D.	N.D.	/	/
Hexabromodiphenyl ether	mg/kg	-	N.D.	N.D.	N.D.	N.D.	/	/
Heptabromodiphenyl ether	mg/kg	-	N.D.	N.D.	N.D.	N.D.	/	/
Octabromodiphenyl ether	mg/kg	-	N.D.	N.D.	N.D.	N.D.	/	/
Nonabromodiphenyl ether	mg/kg	-	N.D.	N.D.	N.D.	N.D.	/	/
Decabromodiphenyl ether	mg/kg	-	N.D.	N.D.	N.D.	N.D.	/	/
Diisobutyl phthalate (DIBP)	mg/kg	1000	N.D.	N.D.	N.D.	N.D.	/	/
Bis-(2-ethylhexyl) Phthalate (DEHP)	mg/kg	1000	N.D.	N.D.	N.D.	N.D.	/	/
Benzylbutyl Phthalate (BBP)	mg/kg	1000	N.D.	N.D.	N.D.	N.D.	/	/
Dibutyl Phthalate (DBP)	mg/kg	1000	N.D.	N.D.	N.D.	N.D.	/	/

Sample Description:

- 1: Shell
- 2: PCB board
- 3: Wire rod
- 4: LED lamp
- 5: Screw
- 6: Metal parts

Notes:

1mg/kg=1ppm = 0.0001%

N.D. = Not Detected (<MDL)

MDL = Method Detection Limit

/=Not Regulated

Breakdown of product

Sample photo: 1



-----End of report -----