

Test Report

Date: August 18, 2025

Report No.: WUX250730003R01

Applicant : FOSHAN JIN HAOTAI LIGHTING ACCESSORIES CO.,LTD
Address : Datong Industrial Zone, Qiaobai Road, Xiqiao Town, Nanhai District, Foshan City, Guangdong Province, China
Manufacturer : FOSHAN JIN HAOTAI LIGHTING ACCESSORIES CO.,LTD
Address : Datong Industrial Zone, Qiaobai Road, Xiqiao Town, Nanhai District, Foshan City, Guangdong Province, China

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

Product name : Spot Light
Model(s) : TL0380, TL0390, TL03100, TL0565, TL0575, TL0585
Trade Mark : /
Date of issue : August 18, 2025
Testing Period : August 04, 2025 to August 14, 2025
Test Requested : Selected test(s) as requested by client.
Test Method : Please refer to next page(s).
Test Results : Please refer to next page(s).
Conclusion : Based on the performed tests on submitted samples, the results of Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Dibutyl Phthalate (DBP), Benzylbutyl Phthalate (BBP), Bis-(2-ethylhexyl) Phthalate (DEHP), Diiso butyl Phthalate (DIBP) comply with the limits as set by RoHS Directive 2011/65/EU Annex II amending Annex (EU) 2015/863 and amending Annex (EU) 2017/2102.

Tested by:



Approved by:





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****Modified History****

Revision	Description	Issued Data	Remark
Revision 1.0	Initial Test Report Release	August 14, 2025	Candy Zheng
Revision 2.0	All test data refer to the original report WUX250730003R. Report information on the applicant, manufacturer and factory.	August 18, 2025	Candy Zheng

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A:RoHS Directive 2011/65/EU

(1)With reference to IEC 62321-5:2013, determination of Cadmium by ICP-OES.

(2)With reference to IEC 62321-5:2013, determination of Lead by ICP-OES.

(3)With reference to IEC 62321-4:2017, determination of Mercury by ICP-OES.

(4)With reference to IEC 62321-7-2:2017, determination of Hexavalent Chromium by Colorimetric Method using UV-Vis.

(5)With reference to IEC 62321-6:2015, determination of PBBs and PBDEs by GC-MS. .

Test Item(s)	Unit	Limited(ppm)	Result 1	MDL
Cadmium (Cd)	mg/kg	100	N.D.	2
Lead (Pb)	mg/kg	1000	N.D.	2
Mercury (Hg)	mg/kg	1000	N.D.	2
Hexavalent Chromium (CrVI) byAlkaline extraction	mg/kg	1000	N.D.	2
Sum of PBBs	mg/kg	1000	N.D.	-
Monobromobiphenyl	mg/kg	-	N.D.	5
Dibromobiphenyl	mg/kg	-	N.D.	5
Tribromobiphenyl	mg/kg	-	N.D.	5
Pentabromobiphenyl	mg/kg	-	N.D.	5
Hexabromobiphenyl	mg/kg	-	N.D.	5
Heptabromobiphenyl	mg/kg	-	N.D.	5
Octabromobiphenyl	mg/kg	-	N.D.	5
Nonabromobiphenyl	mg/kg	-	N.D.	5
Decabromobiphenyl	mg/kg	-	N.D.	5
Sum of PBDEs	mg/kg	1000	N.D.	-
Monobromobiphenyl ether	mg/kg	-	N.D.	5
Dibromobiphenyl ether	mg/kg	-	N.D.	5
Tribromobiphenyl ethe ether	mg/kg	-	N.D.	5
Pentabromobiphenyl ether	mg/kg	-	N.D.	5
Hexabromobiphenyl ether	mg/kg	-	N.D.	5
Heptabromobiphenyl ether	mg/kg	-	N.D.	5
Octabromobiphenyl ether	mg/kg	-	N.D.	5
Nonabromobiphenyl ether	mg/kg	-	N.D.	5
Decabromobiphenyl ether	mg/kg	-	N.D.	5

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Test Item(s)	Unit	Limited(ppm)	Result 2	MDL
Cadmium (Cd)	mg/kg	100	N.D.	2
Lead (Pb)	mg/kg	1000	N.D.	2
Mercury (Hg)	mg/kg	1000	N.D.	2
Hexavalent Chromium (CrVI) by Alkaline extraction	mg/kg	1000	N.D.	2
Sum of PBBs	mg/kg	1000	N.D.	-
Monobromobiphenyl	mg/kg	-	N.D.	5
Dibromobiphenyl	mg/kg	-	N.D.	5
Tribromobiphenyl	mg/kg	-	N.D.	5
Pentabromobiphenyl	mg/kg	-	N.D.	5
Hexabromobiphenyl	mg/kg	-	N.D.	5
Heptabromobiphenyl	mg/kg	-	N.D.	5
Octabromobiphenyl	mg/kg	-	N.D.	5
Nonabromobiphenyl	mg/kg	-	N.D.	5
Decabromobiphenyl	mg/kg	-	N.D.	5
Sum of PBDEs	mg/kg	1000	N.D.	-
Monobromobiphenyl ether	mg/kg	-	N.D.	5
Dibromobiphenyl ether	mg/kg	-	N.D.	5
Tribromobiphenyl ether	mg/kg	-	N.D.	5
Pentabromobiphenyl ether	mg/kg	-	N.D.	5
Hexabromobiphenyl ether	mg/kg	-	N.D.	5
Heptabromobiphenyl ether	mg/kg	-	N.D.	5
Octabromobiphenyl ether	mg/kg	-	N.D.	5
Nonabromobiphenyl ether	mg/kg	-	N.D.	5
Decabromobiphenyl ether	mg/kg	-	N.D.	5

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B:Phthalate

Test Method : Determination of phthalates by GC-MS based on IEC 62321-8:2017.

Test Item(s)	Unit	Limited(ppm)	Result 1
Dibutyl Phthalate (DBP)	mg/kg	1000	ND
Benzylbutyl Phthalate (BBP)	mg/kg	1000	ND
Bis-(2-ethylhexyl) Phthalate (DEHP)	mg/kg	1000	ND
Diiso butyl Phthalate (DIBP)	mg/kg	1000	ND

Test Item(s)	Unit	Limited(ppm)	Result 2
Dibutyl Phthalate (DBP)	mg/kg	1000	ND
Benzylbutyl Phthalate (BBP)	mg/kg	1000	ND
Bis-(2-ethylhexyl) Phthalate (DEHP)	mg/kg	1000	ND
Diiso butyl Phthalate (DIBP)	mg/kg	1000	ND

Description for specimen 1: White plastic

Description for specimen 2: Black plastic

Description for specimen 3: Metal

Notes :

(1) Reference Information: RoHS Directive 2011/65/EU Annex II amending Annex (EU)2015/863 and amending Annex (EU)2017/2102

Bis (2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Diiso butyl Phthalate (DIBP) and Dibutyl phthalate (DBP) are considered as a priority for risk evaluation and substance restriction.

Remarks :

(1) 1 mg/kg = 1 ppm = 0.0001%

(2) MDL = Method Detection Limit

(3) ND = Not Detected (< MDL)

(4) "-" = Not Regulated.

Test Report

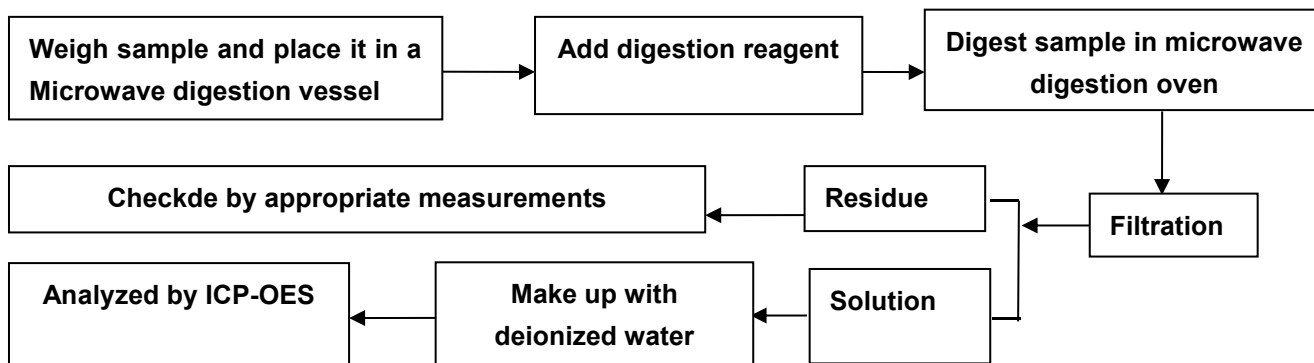
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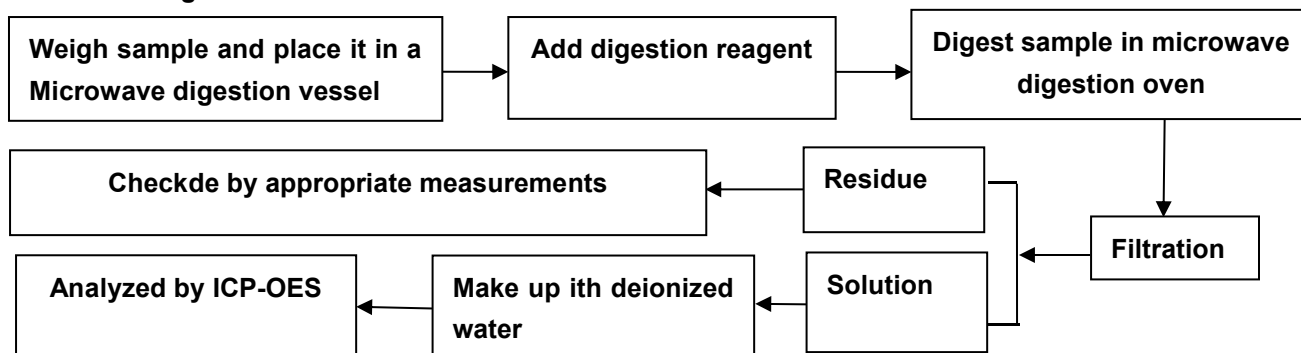
ATTACHMENTS

Test process

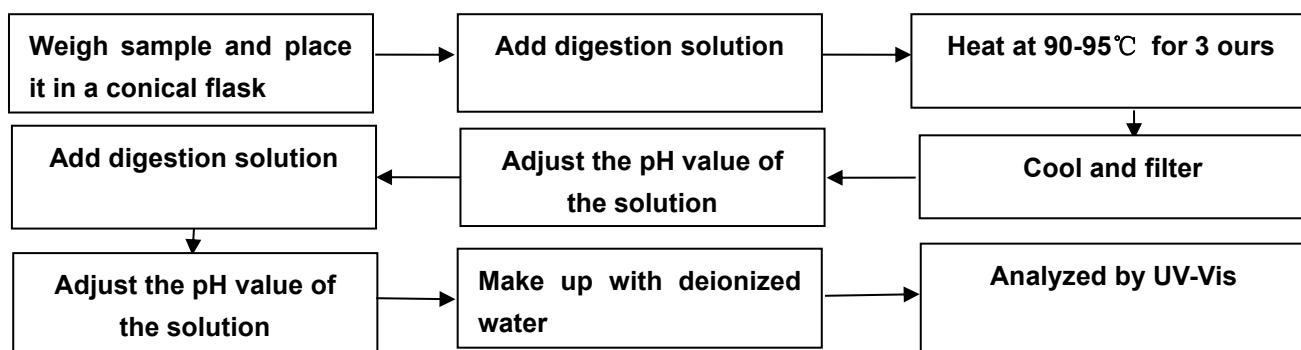
1. Test for Pb/Cd Content



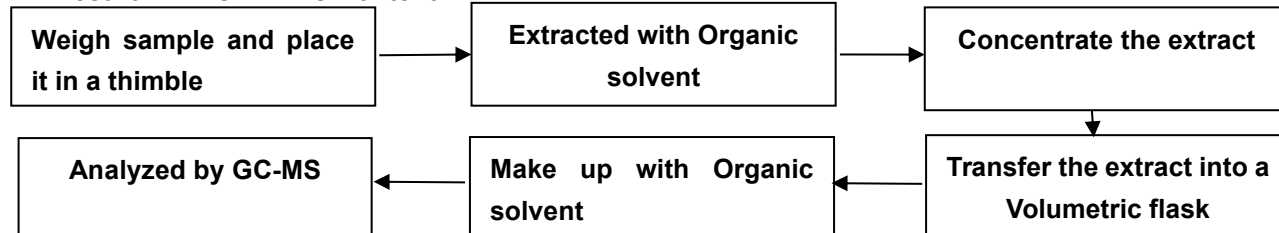
2. Test for Hg Content



3. Test for Chromium(VI) Content



4. Test for PBBs/PBDEs Content

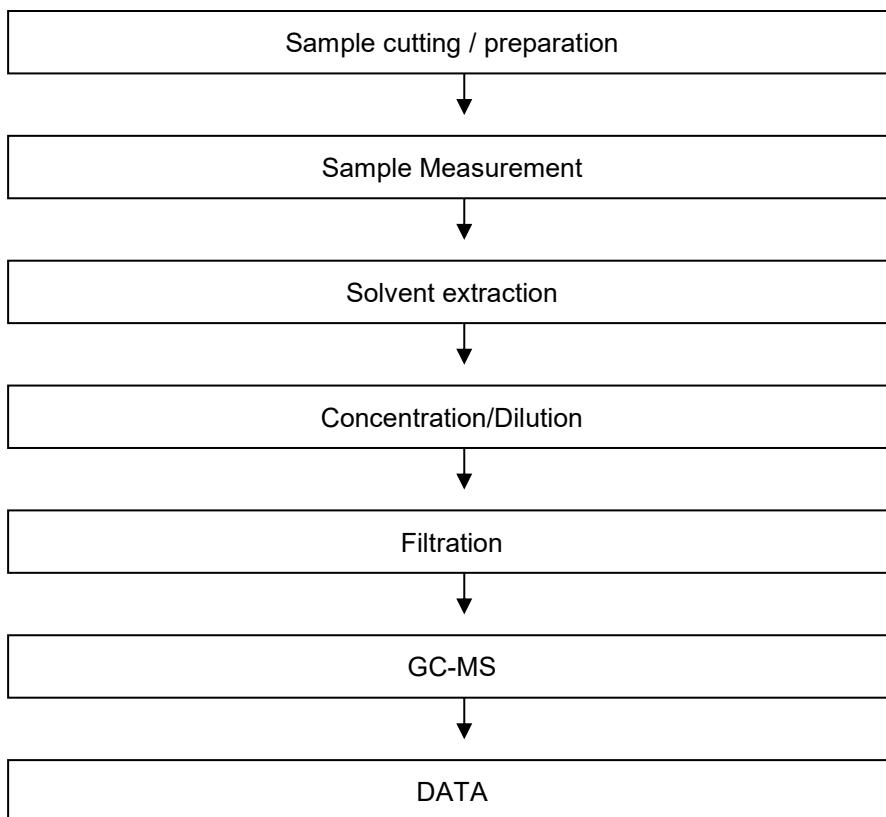


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Phthalates Testing Flow Chart

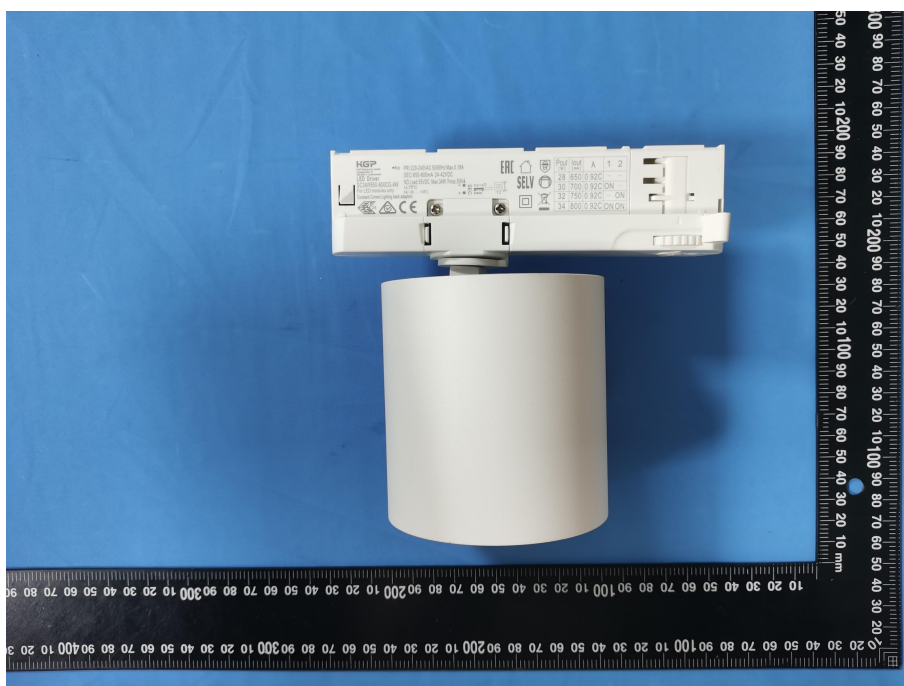


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Sample photos:



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End of Report