

Test Report

No.: CANEC26009270601

Date: Apr 23, 2026

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Client Name: LUCKY LIGHT ELECTRONICS CO., LTD.

Client Address: BUILDING U6, LIANDO U VALLEY CHINA-KOREA (HUIZHOU) INDUSTRIAL PARK
GUANGDONG, CHINA

Sample Name: High Power LED

The above sample(s) and information were provided by the client.

SGS Job No.: SZP26-016377

Sample Receiving Date: Apr 16, 2026

Testing Period: Apr 16, 2026 ~ Apr 22, 2026

Test Requested: Select test(s) as requested by the client.

Test Method(s): Please refer to next page(s).

Test Result(s): Please refer to next page(s).

Test Requirement	Conclusion
Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP)	See Results

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

Arsene Ye

Arsene Ye
Approved Signatory

Scan to see the report



631DF359



SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch, Chemical Laboratory

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Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	CAN26-0092706-0001.C001	"High Power LED" mixed

Remarks:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP)

Test Method: With reference to IEC 62321-4:2013+AMD1:2017, IEC 62321-5:2013, IEC 62321-7-2:2017 and IEC 62321-12:2023, analysis was performed by ICP-OES/AAS, UV-Vis and GC-MS.

Test Item(s)	Unit(s)	MDL	A1
Lead (Pb)	mg/kg	2	ND
Mercury (Hg)	mg/kg	2	ND
Cadmium (Cd)	mg/kg	2	ND
Hexavalent Chromium (Cr(VI))	mg/kg	8	ND
Polybrominated biphenyls (PBB)	mg/kg	-	ND
Monobrominated biphenyl (MonoBB)	mg/kg	25	ND
Dibrominated biphenyl (DiBB)	mg/kg	25	ND
Tribrominated biphenyl (TriBB)	mg/kg	25	ND
Tetrabrominated biphenyl (TetraBB)	mg/kg	25	ND
Pentabrominated biphenyl (PentaBB)	mg/kg	25	ND
Hexabrominated biphenyl (HexaBB)	mg/kg	25	ND
Heptabrominated biphenyl (HeptaBB)	mg/kg	25	ND
Octabrominated biphenyl (OctaBB)	mg/kg	25	ND
Nonabrominated biphenyl (NonaBB)	mg/kg	25	ND
Decabrominated biphenyl (DecaBB)	mg/kg	25	ND
Polybrominated diphenyl ethers (PBDE)	mg/kg	-	ND
Monobrominated diphenyl ether (MonoBDE)	mg/kg	25	ND
Dibrominated diphenyl ether (DiBDE)	mg/kg	25	ND
Tribrominated diphenyl ether (TriBDE)	mg/kg	25	ND
Tetrabrominated diphenyl ether (TetraBDE)	mg/kg	25	ND
Pentabrominated diphenyl ether (PentaBDE)	mg/kg	25	ND
Hexabrominated diphenyl ether (HexaBDE)	mg/kg	25	ND
Heptabrominated diphenyl ether (HeptaBDE)	mg/kg	25	ND
Octabrominated diphenyl ether (OctaBDE)	mg/kg	25	ND



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Test Item(s)	Unit(s)	MDL	A1
Nonabrominated diphenyl ether (NonaBDE)	mg/kg	25	ND
Decabrominated diphenyl ether (DecaBDE)	mg/kg	25	ND
Bis(2-ethylhexyl) phthalate (DEHP)	mg/kg	50	ND
Butyl benzyl phthalate (BBP)	mg/kg	50	ND
Dibutyl Phthalate (DBP)	mg/kg	50	ND
Diisobutyl Phthalate (DIBP)	mg/kg	50	ND

Remark: The sample(s) was/were analyzed on behalf of the applicant as mixing sample in one testing. The above result(s) was/were only given as the informality value and only for reference. Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ($w=0$) stated in ILAC-G8:09/2019.



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ATTACHMENTS

Elements Testing Flow Chart

These samples of Pb/Cd/Hg were dissolved totally by pre-conditioning method according to below flow chart.



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Hexavalent Chromium (Cr(VI)) Testing Flow Chart



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PBB(s)/PBDE(s)/Phthalates Testing Flow Chart



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Sample Photo:



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