

# Test Report

No.: CANEC24021252913

Date: Oct 09, 2024

Page 1 of 7

Client Name: GUANGZHOU TIANXIN PHOTOELECTRIC CO.,LTD

Client Address: #15-1 JINGU ROAD SOUTH,XIUTANG,HUADONG TOWN,HUADU DISTRICT,GUANGZHOU

Sample Name: High power CSP LED

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

SGS Job No.: GZP24-031628

Sample Receiving Date: Sep 24, 2024

Testing Period: Sep 24, 2024 ~ Sep 29, 2024

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
EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU - 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)	Pass

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

Jany Zhong

Jany Zhong  
Approved Signatory

scan to see the report



# Test Report

No.: CANEC24021252913

Date: Oct 09, 2024

Page 2 of 7

## Test Result(s):

### Test Part Description

SN ID	Sample No.	SGS Sample ID	Description
SN1	A25	CAN24-0212529-0001.C025	Yellow/orange material w/ chip
SN2	A26	CAN24-0212529-0001.C026	Silvery sheet w/ grey and white surface & chip and soft material

### Remarks:

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



# Test Report

No.: CANEC24021252913

Date: Oct 09, 2024

Page 3 of 7

Test Item(s)	Limit	Unit(s)	MDL	A25	A26
Octabrominated diphenyl ether (OctaBDE)	-	mg/kg	25	ND	ND
Nonabrominated diphenyl ether (NonaBDE)	-	mg/kg	25	ND	ND
Decabrominated diphenyl ether (DecaBDE)	-	mg/kg	25	ND	ND
Di-2-Ethyl Hexyl Phthalate (DEHP)	1000	mg/kg	50	ND	ND

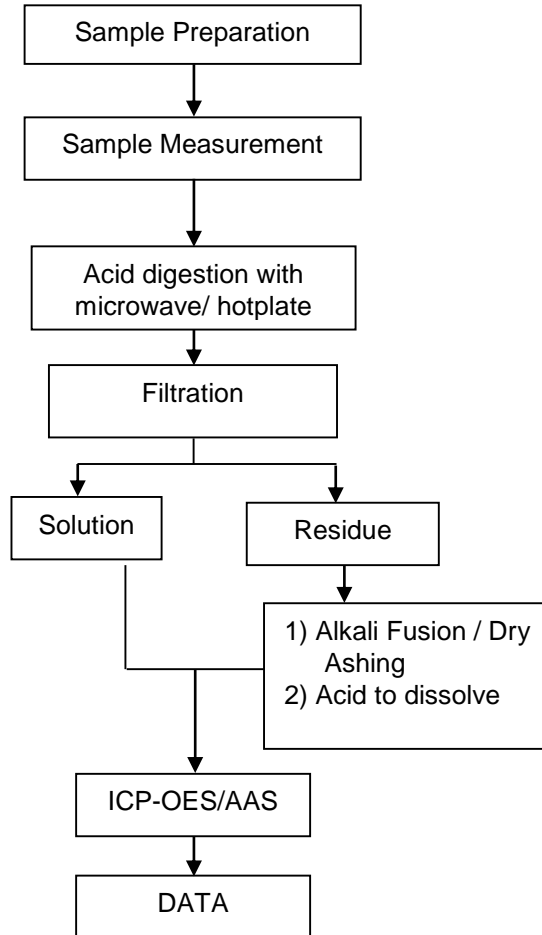


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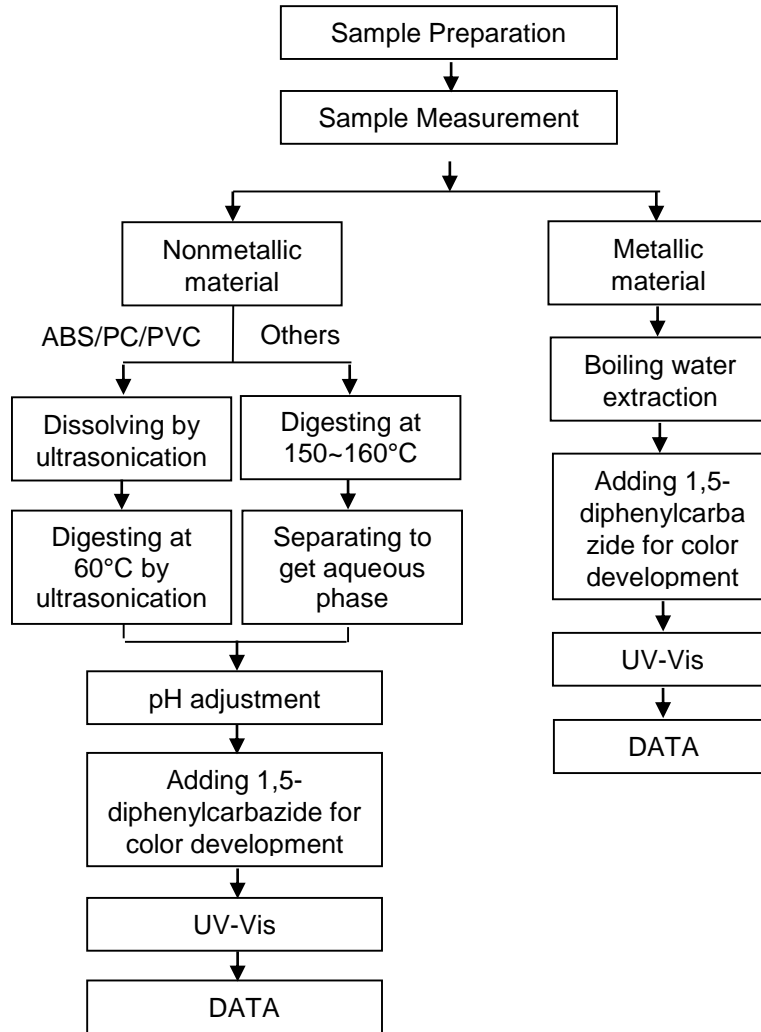


### Elements Testing Flow Chart

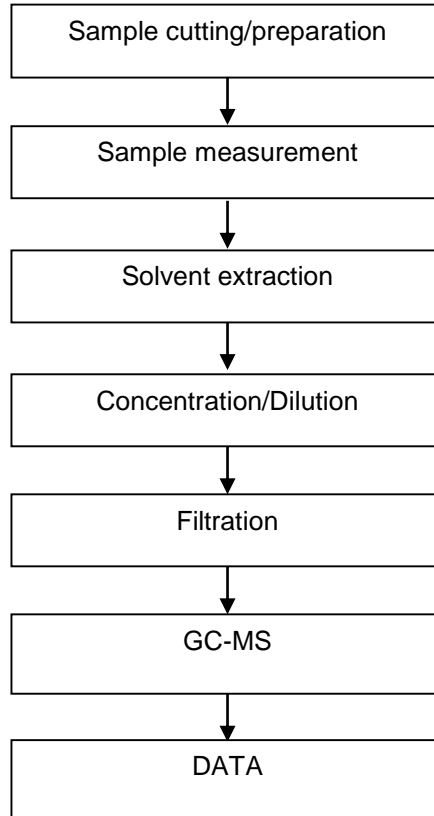
These samples were dissolved totally by pre-conditioning method according to below flow chart.



**Hexavalent Chromium (Cr(VI)) Testing Flow Chart**



**PBB/PBDE/Phthalates Testing Flow Chart**



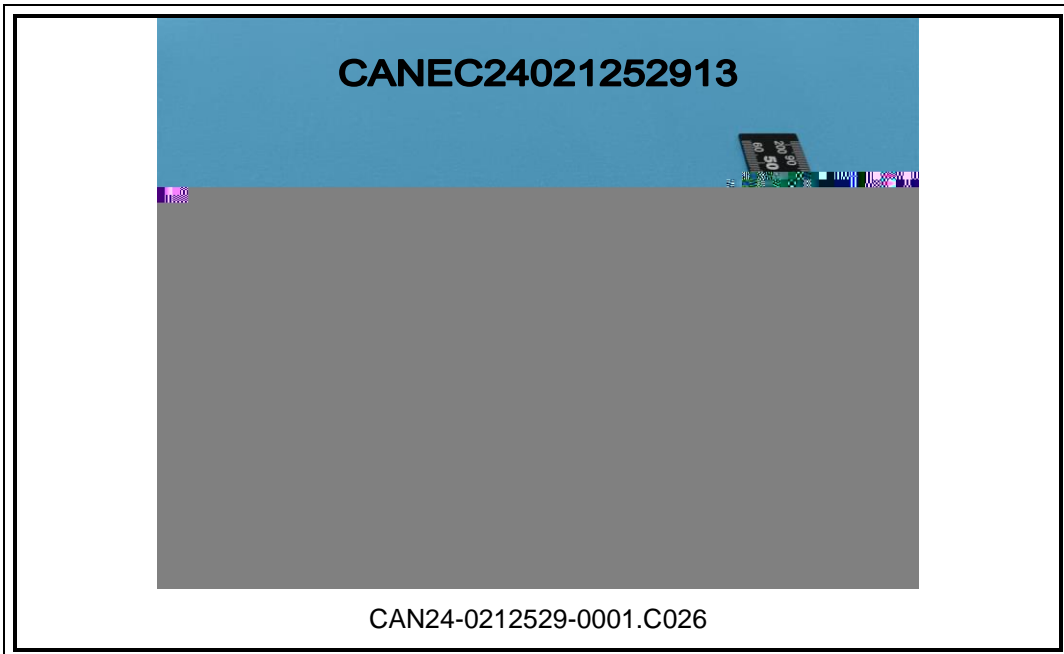
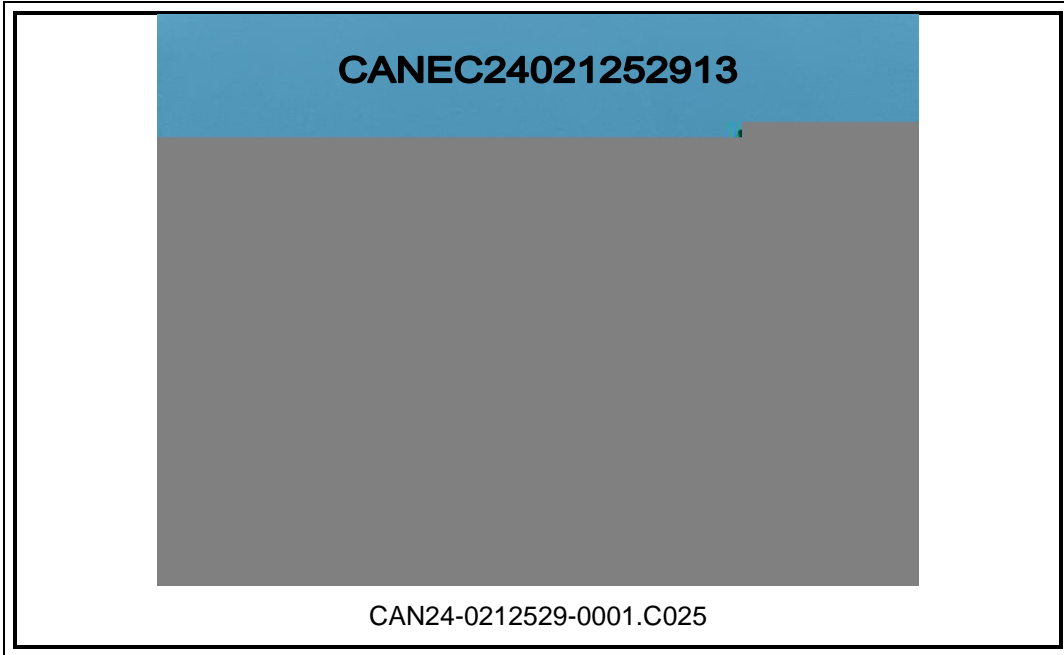
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No.: CANEC24021252913

Date: Oct 09, 2024

Page 7 of 7

Sample Photo:



SGS authenticate the photo on original report only  
\*\*\* End of Report \*\*\*

