

检 测 报 告

TEST REPORT

报告编号 (No.) :UTS25110177M01 报告日期 (Report Date) : 2025/11/19

委托单位/Client : 无锡光普电子有限公司
Wuxi Compul Electronics Co.,Ltd
地 址/Address : 江苏省宜兴市归径皇问西路 57 号
NO.57 West huangwen road, Guijin,Yixin city, Jiangsu province, China

以下样品信息由申请人提供及确认:
The following sample(s) was/were submitted and identified on behalf of the client as:

样品名称/Sample Name : 发光二极管/LED
接样日期/Receiving Date : 2025/11/13
检测项目/Test Item : RoHS 2.0



签 发 樊建红
Approved by 樊建红 授权签字人

审 核 马林
Reviewed by 马林

编 制 闵丹丹
Prepared by 闵丹丹

Page 1 of 5

This Test Report is issued by the Company subject to its General Conditions of Service printed overleaf or available on request. Attention is drawn to the limitations of liability, indemnification and jurisdictional policies defined therein. The results shown in this Test report refer only to the sample(s) tested unless otherwise stated This test report shall not be reproduced, except in full, without written approval of the Company. 本报告按本公司所制定之通用服务条款所编制发放。请注意本报告首页背面之此条款，本公司之义务、免责、管辖权均有明确规定，该条款也可向本公司索取。除非另有说明，本报告仅对来样负责，未经许可，不得部分复制本报告。

江苏省优联检测技术有限公司

地址：苏州市吴中区越溪街道北官渡路50号3幢 215021
电话 (Tel) : +0512-66358200

UNITED TESTING SERVICES (JIANGSU) CO., LTD.

Address: Building 3, No.50 Beiguandu Road, Wuzhong Zone, Suzhou, Jiangsu, China , 215021
传真 (Fax) : +0512-66358088

----- www.uts.com.cn -----

检 测 报 告
TEST REPORT

报告编号 (No.) :UTS25110177M01 报告日期 (Report Date) : 2025/11/19

1、测试标准/Test Standard(s)
IEC62321-5:2013;IEC62321-4:2013+AMD1:2017CSV;IEC62321-7-2:2017;IEC62321-6:2015;
IEC62321-8:2017

2、测试日期/Test Date(s)
2025/11/14-2025/11/17

3、测试设备/Test Equipment(s)

设备名称 Test Equipment	设备编号 Equipment Number	校准有效期 Calibration Period of Validity
等离子体发射光谱仪 ICP-OES	M-1-584	2025/12/14
紫外可见分光光度计 UV-vis	M-1-622	2025/12/12
气相色谱质谱联用仪 GC-MS	M-1-583	2025/12/14
气相色谱质谱联用仪 GC-MS	M-1-582	2025/12/14

.....接下页/ To be continued.....

检 测 报 告
TEST REPORT

报告编号 (No.) :UTS25110177M01

报告日期 (Report Date) : 2025/11/19

4、测试结果/Test Result(s)

检测项目 Test Items	检测方法 Methods	方法检测限 MDL (mg/kg)	检测结果▲ Results (mg/kg)
铅/Pb	M1	2	N.D.
镉/Cd		2	N.D.
汞/Hg	M2	2	N.D.
六价铬/Cr (VI)	M3	8	N.D.
一溴联苯/Monobromobiphenyl (MonoBB)	M4	5	N.D.
二溴联苯/Dibromobiphenyl (DiBB)		5	N.D.
三溴联苯/Tribromobiphenyl (TriBB)		5	N.D.
四溴联苯/Tetrabromobiphenyl (TetraBB)		5	N.D.
五溴联苯/Pentabromobiphenyl (PentaBB)		5	N.D.
六溴联苯/Hexabromobiphenyl (HexaBB)		5	N.D.
七溴联苯/Heptabromobiphenyl (HeptaBB)		5	N.D.
八溴联苯/Octabromobiphenyl (OctaBB)		5	N.D.
九溴联苯/Nonabromobiphenyl (NonaBB)		5	N.D.
十溴联苯/Decabromobiphenyl (DecaBB)		5	N.D.
上述多溴联苯总和/Total PBBs sum of above		---	N.D.
一溴二苯醚/Monobromodiphenyl ether (MonoBDE)		5	N.D.
二溴二苯醚/Dibromodiphenyl ether (DiBDE)		5	N.D.
三溴二苯醚/Tribromodiphenyl ether (TriBDE)		5	N.D.
四溴二苯醚/Tetrabromodiphenyl ether (TetraBDE)		5	N.D.
五溴二苯醚/Pentabromodiphenyl ether (PentaBDE)		5	N.D.
六溴二苯醚/Hexabromodiphenyl ether (HexaBDE)		5	N.D.
七溴二苯醚/Heptabromodiphenyl ether (HeptaBDE)		5	N.D.
八溴二苯醚/Octabromodiphenyl ether (OctaBDE)		5	N.D.
九溴二苯醚/Nonabromodiphenyl ether (NonaBDE)		5	N.D.
十溴二苯醚/Decabromodiphenyl ether (DecaBDE)		5	N.D.
上述多溴二苯醚总和/Total PBDEs sum of above		---	N.D.
邻苯二甲酸二丁酯/Dibutyl Phthalate (DBP)	M5	30	N.D.
邻苯二甲酸丁基苄基酯/Benzylbutyl Phthalate (BBP)		30	N.D.
邻苯二甲酸二(2-乙基己基)酯/Di-(2-ethylhexyl)Phthalate (DEHP)		30	N.D.
邻苯二甲酸二异丁酯/Diisobutyl phthalate(DIBP)		30	N.D.

检测报告 TEST REPORT

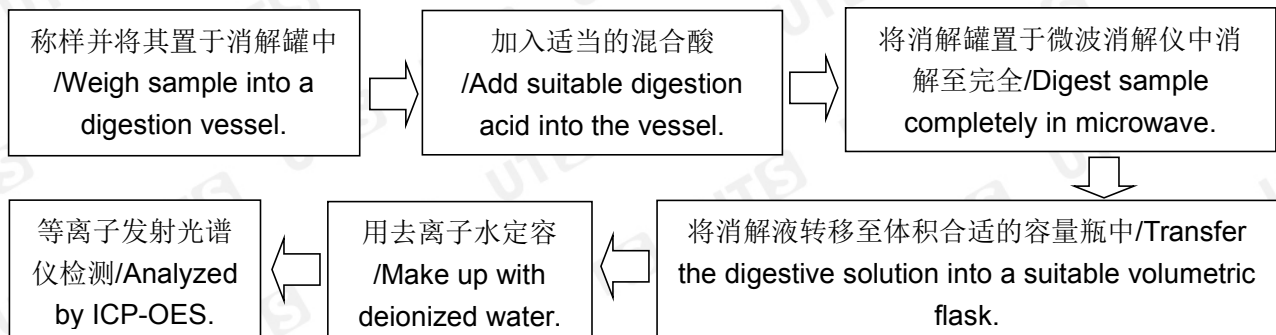
报告编号 (No.) :UTS25110177M01 报告日期 (Report Date) : 2025/11/19

- 备注 1) “---” = 未明确规定/Not Regulated.
- /Note : 2) N.D. = 未检出, 小于方法检测限/Not detected, less than MDL.
- 3) M1: 参考 IEC 62321-5:2013, 采用电感耦合等离子体发射光谱仪进行测定。
 With reference to IEC 62321-5:2013, analysis was performed by ICP-OES.
- 4) M2: 参考 IEC 62321-4:2013+AMD1:2017CSV, 采用电感耦合等离子体发射光谱仪进行测定。
 With reference to IEC 62321-4:2013+AMD1:2017CSV, analysis was performed by ICP-OES.
- 5) M3: 参考 IEC 62321-7-2:2017, 采用紫外-可见分光光度计进行测定。
 With reference to IEC 62321-7-2:2017, analysis was performed by UV-Vis.
- 6) M4: 参考 IEC 62321-6:2015, 采用气相色谱-质谱联用仪进行测定。
 With reference to IEC 62321-6:2015, analysis was performed by GC-MS.
- 7) M5: 参考 IEC 62321-8:2017, 采用气相色谱-质谱联用仪进行测定。
 With reference to IEC 62321-8:2017, analysis was performed by GC-MS.
- 8) ▲样品基于客户要求为混合测试。报告中的混合测试结果不代表其中个别单一材质的含量, 该测试数据仅供参考。▲The samples were tested in mixture. The results do not represent the content of individual single material.

检测部位描述/TEST PART DESCRIPTION: 非金属混测/Non-metal mixed testing

检测流程图/FLOW CHART

1. Pb、Cd、Hg 检测/Test for Pb, Cd, Hg Content

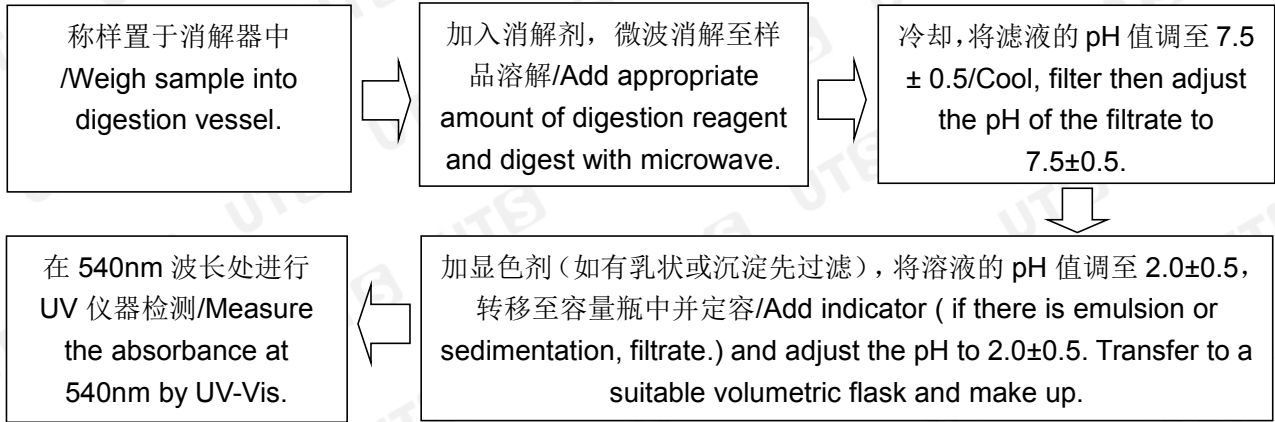


.....接下页/ To be continued.....

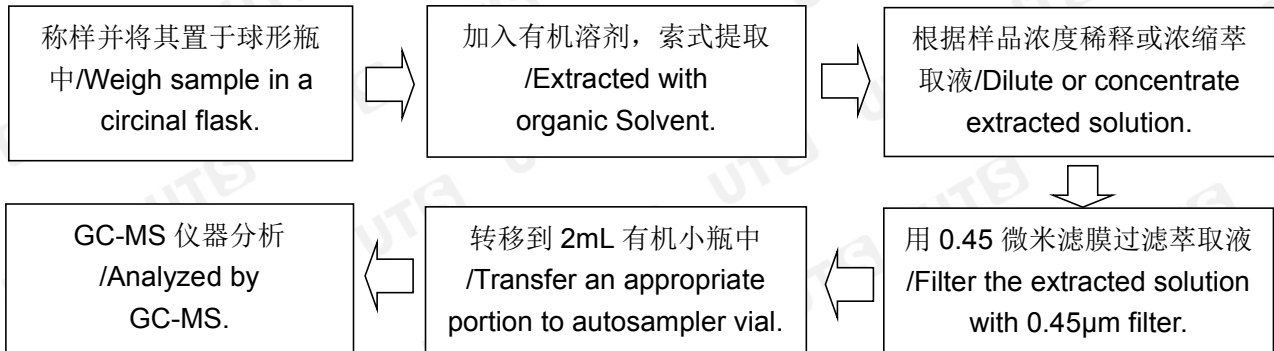
检测报告 TEST REPORT

报告编号 (No.) :UTS25110177M01 报告日期 (Report Date) : 2025/11/19

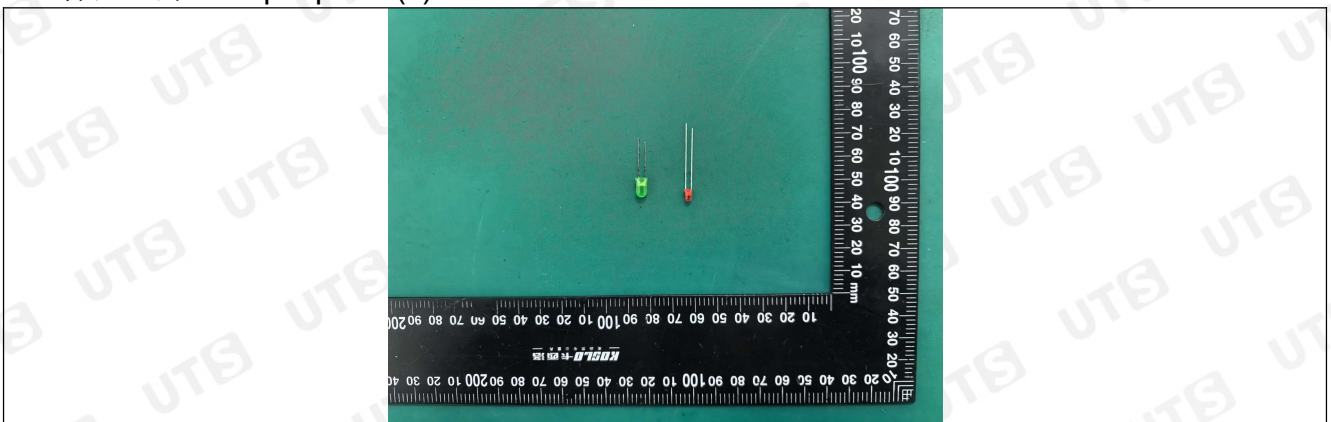
2. 六价铬 Cr (VI) 检测/Test for Chromium (VI) Content



3. 多溴联苯&多溴二苯醚和邻苯二甲酸酯检测 /Test for PBBs&PBDEs and Phthalates



5. 样品照片/Sample photo(s)



.....报告结束/End of Report.....

本报告中结果仅作为科研、教学或内部质量控制之用。

Test results in this report are only used for scientific research, teaching and internal quality control.