

# TEST REPORT

Report No.: UTS25110228M

Report Date: 2025/11/24

Client : Asian Electronics  
Address : Shop no 4A, Gr. flr Vijay Chambers Premises CHS Ltd,1140,  
Tribhuvan Road, Opp Dreamland Cinema, Mumbai - 400 004, India

The sample(s) information below is/are provided and confirmed by client:

Sample Name : 7 segments LED DISPLAY/ LED DOT MATRIX  
Receiving Date : 2025/11/18  
Test Item : RoHS 2.0



Approved by 樊建红  
樊建红 授权签字人

Reviewed by 马林  
马林

Prepared by 闵丹丹  
闵丹丹

Page 1 of 5

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Report No.: UTS25110228M

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1. Test Standard(s)

IEC 62321-5:2013;IEC 62321-4: 2013+AMD1:2017CSV;IEC 62321-7-2:2017;IEC 62321-6:2015;  
IEC 62321-8:2017

2. Test Date(s)

2025/11/19-2025/11/20

3. Test Equipment(s)

Test Equipment	Equipment Number	Calibration Period of Validity
ICP-OES	M-1-584	2025/12/14
UV-vis	M-1-622	2025/12/12
GC-MS	M-1-583	2025/12/14
GC-MS	M-1-582	2025/12/14

.....To be continued.....

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## 4. Test Result(s)

Test Items	Methods	MDL (mg/kg)	Results <sup>▲</sup> (mg/kg)
Pb	M1	2	N.D.
Cd		2	N.D.
Hg	M2	2	N.D.
Cr (VI)	M3	8	N.D.
Monobromobiphenyl (MonoBB)	M4	5	N.D.
Dibromobiphenyl (DiBB)		5	N.D.
Tribromobiphenyl (TriBB)		5	N.D.
Tetrabromobiphenyl (TetraBB)		5	N.D.
Pentabromobiphenyl (PentaBB)		5	N.D.
Hexabromobiphenyl (HexaBB)		5	N.D.
Heptabromobiphenyl (HeptaBB)		5	N.D.
Octabromobiphenyl (OctaBB)		5	N.D.
Nonabromobiphenyl (NonaBB)		5	N.D.
Decabromobiphenyl (DecaBB)		5	N.D.
Total PBBs / sum of above		---	N.D.
Monobromodiphenyl ether (MonoBDE)		5	N.D.
Dibromodiphenyl ether (DiBDE)		5	N.D.
Tribromodiphenyl ether (TriBDE)		5	N.D.
Tetrabromodiphenyl ether (TetraBDE)		5	N.D.
Pentabromodiphenyl ether (PentaBDE)		5	N.D.
Hexabromodiphenyl ether (HexaBDE)		5	N.D.
Heptabromodiphenyl ether (HeptaBDE)		5	N.D.
Octabromodiphenyl ether (OctaBDE)		5	N.D.
Nonabromodiphenyl ether (NonaBDE)		5	N.D.
Decabromodiphenyl ether (DecaBDE)		5	N.D.
Total PBDEs / sum of above		---	N.D.
Dibutyl Phthalate(DBP)	M5	30	N.D.
Benzylbutyl Phthalate(BBP)		30	N.D.
Di-(2-ethylhexyl)Phthalate(DEHP)		30	N.D.
Diisobutyl phthalate(DIBP)		30	N.D.

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Report No.: UTS25110228M

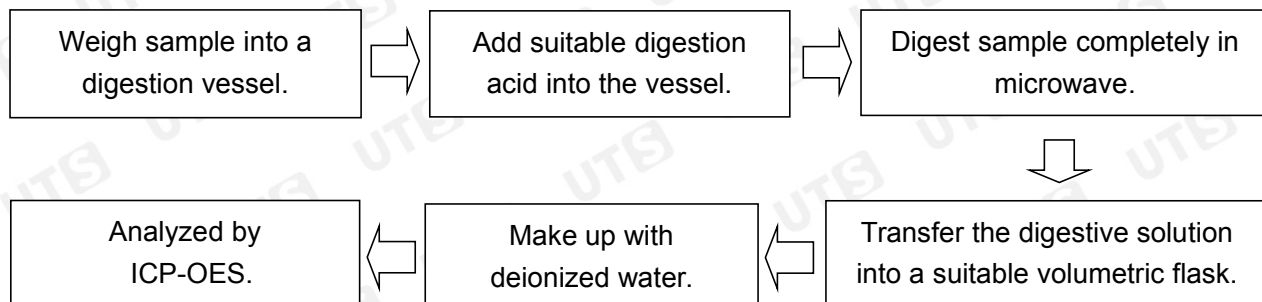
Report Date: 2025/11/24

- Note :
- 1) “---” = Not Regulated.
  - 2) N.D. = Not detected, less than MDL.
  - 3) M1: With reference to IEC 62321-5: 2013, analysis was performed by ICP-OES.
  - 4) M2: With reference to IEC 62321-4:2013+AMD1:2017 CSV, analysis was performed by ICP-OES.
  - 5) M3: With reference to IEC 62321-7-2:2017, analysis was performed by UV-Vis.
  - 6) M4: With reference to IEC 62321-6: 2015, analysis was performed by GC-MS.
  - 7) M5: With reference to IEC 62321-8: 2017, analysis was performed by GC-MS.
  - 8) ▲The samples were tested in mixture. The results do not represent the content of individual single material.

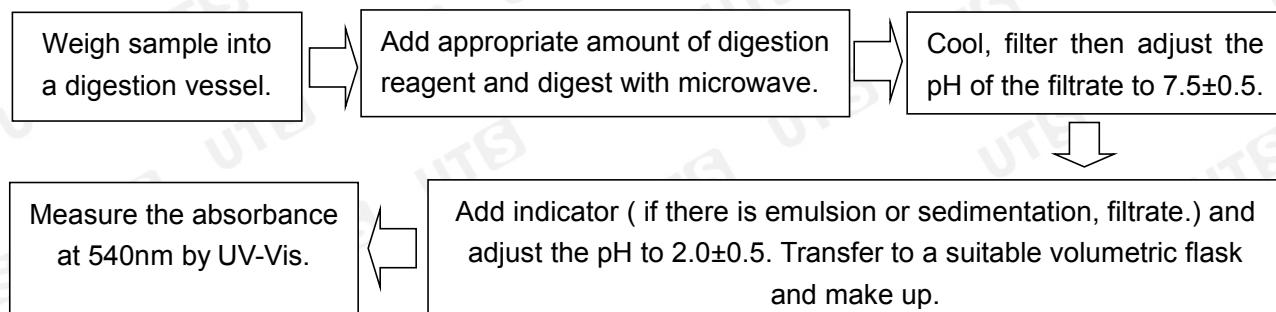
TEST PART DESCRIPTION: Non-metal mixed testing

## FLOW CHART

### 1. Test for Pb, Cd and Hg Content



### 2. Test for Chromium (VI) Content



.....To be continued.....

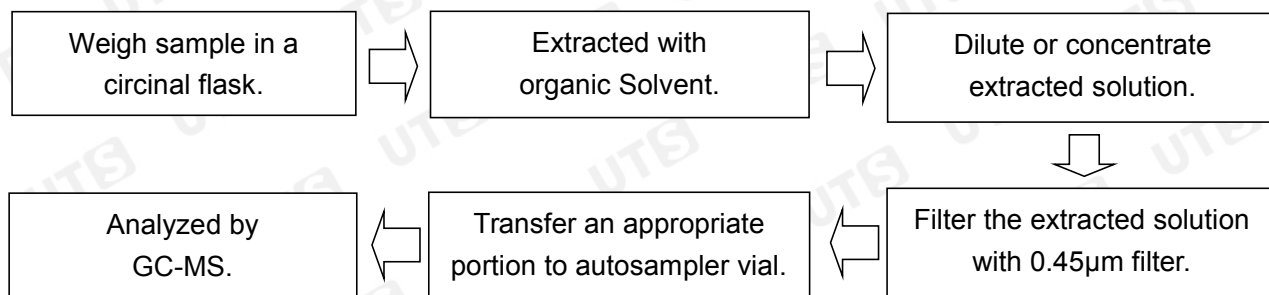


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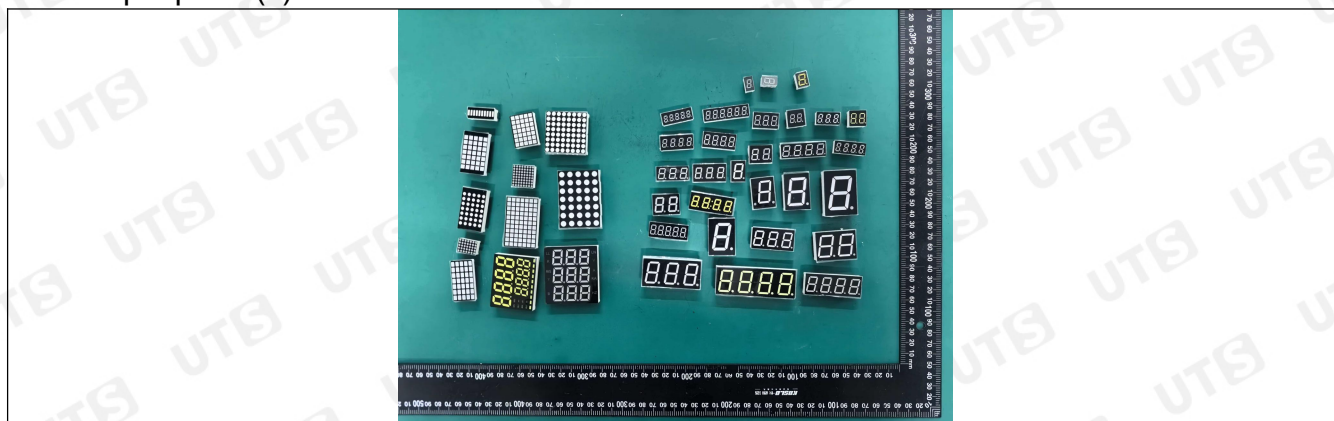
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## 3. Test for PBBs&PBDEs and Phthalates Content



## 5. Sample photo(s)



.....End of Report.....

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