RoHS Test Report

Applicant name:	Shenzhen QDtech Electronics Co.,Ltd.
Applicant address:	Room 501, floor 5, no. 81, langkou industrial park, langkou community, dalang street, longhua district, shenzhen

Sample information:

Sample Name:	2.8inch TFT Display Module
Sample Model:	2.8inch TFT Display Module
Trade mark :	N/A
Manufacturer:	Shenzhen QDtech Electronics Co.,Ltd. Room 501, floor 5, no. 81, langkou industrial park, langkou community, dalang street, longhua district, shenzhen
Sample Received Date:	May.25,2020
Testing Period:	May.25,2020~May.29,2020

Test Requested

As specified by client, to determine the Lead, Cadmium, Mercury,Hexavalent Chromium, PBBs, PBDEs, DEHP, BBP, DBP & DIBP content in the submitted sample compliance with RoHS directive 2011/65/EU Annex II amending Annex (EU)2015/863 and amending Annex (EU)2017/2102.

Test Method:

Tested Item(s)	Test Method	Measured Equipment(s)	MDL
Lead(Pb)	IEC 62321-5:2013	ICP-OES	2mg/kg
Cadmium(Cd)	IEC 62321-5:2013	ICP-OES	2mg/kg
Mercury(Hg)	IEC 62321-4:2013+A1:2017	ICP-OES	2mg/kg
Hexavalent Chromium(Cr(VI))	IEC 62321-7-1:2015 IEC 62321-7-2:2017	UV-VIS	2mg/kg
Polybrominated Biphenyls (PBBs)	IEC 62321-6:2015	GC-MS	5mg/kg
Polybrominated Dipheny1 Ethers (PBDEs)	IEC 62321-6:2015	GC-MS	5mg/kg
Di-(2-ethylhexyl) phthalate(DEHP)	IEC 62321-8:2017	GC-MS	50mg/kg
Benzylbutyl phthalate(BBP)	IEC 62321-8:2017	GC-MS	50mg/kg
Dibutyl phthalate (DBP)	IEC 62321-8:2017	GC-MS	50mg/kg
Diisobutyl phthalate(DIBP)	IEC 62321-8:2017	GC-MS	50mg/kg

Test Result(s) Please refer to the following page(s).

Test by: James Huang Inspected by: Robert Chen

Approved by: Kevin Yang Technical Manager Date : May.29,2020

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Test Result(1):

Lead, Cadmium, Mercury, Hexavalent Chromium, PBBs and PBDEs Content RoHS Directive 2011/65/EU Annex II amending Annex (EU)2015/863 and amending Annex (EU)2017/2102.

Tested Item(s)	Content	Limit	MDL
Lead(Pb)	N.D.	1000	2
Cadmium(Cd)	N.D.	100	2
Mercury(Hg)	N.D.	1000	2
Hexavalent Chromium(Cr(VI))	N.D.	1000	2
Polybrominated Biphenyls (PBBs)			
Monobromobiphenyl	N.D.	-	5
Dibromobiphenyl	N.D.	-	5
Trbromobiphenyl	N.D.	-	5
Tetrabromobiphenyl	N.D.	-	5
Pentbromobiphenyl	N.D.	-	5
Hexabromobiphenyl	N.D.	-	5
Heptabromobiphenyl	N.D.	-	5
Octabromobiphenyl	N.D.	-	5
Nonabromobiphenyl	N.D.	-	5
Decabromobiphenyl	N.D.	-	5
Sum of PBBs	N.D.	1000	-
Polybrominated Diphenyl Ethers(PBDEs)			
Monobromodiphenyl ether	N.D.	-	5
Dibromodiphenyl ether	N.D.	-	5
Tribromodiphenyl ether	N.D.	-	5
Tetrabromodiphenyl ether	N.D.	-	5
Pentabromodiphenyl ether	N.D.	-	5
Hexabromodiphenyl ether	N.D.	-	5
Heptabromodiphenyl ether	N.D.	-	5
Octabromodiphenyl ether	N.D.	-	5
Nonabromodiphenyl ether	N.D.	-	5
Decabromodiphenyl ether	N.D.	-	5
Sum of PBDES	N.D.	1000	-

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Test Result(2):

Di-(2-ethylhexyl) phthalate, Benzylbutyl phthalate, Dibutyl phthalate and Diisobutyl phthalate RoHS Directive 2011/65/EU Annex II amending Annex (EU)2015/863 and amending Annex (EU)2017/2102.

Tested Item(s)	Content	Limit	MDL
Di-(2-ethylhexyl) phthalate(DEHP)	N.D.	1000	50
Benzylbutyl phthalate(BBP)	N.D.	1000	50
Dibutyl phthalate (DBP)	N.D.	1000	50
Diisobutyl phthalate(DIBP)	N.D.	1000	50

Note:

MDL = Method Detection Limit

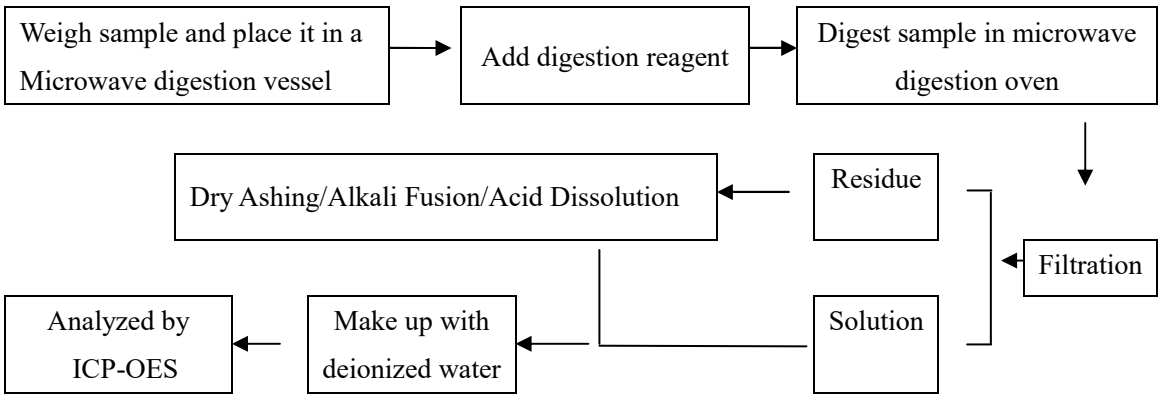
N.D. =Not Detected(<MDL)

mg/kg = ppm =parts per million

"-"=Not specified

Test process

1. Test for Pb/Cd Content



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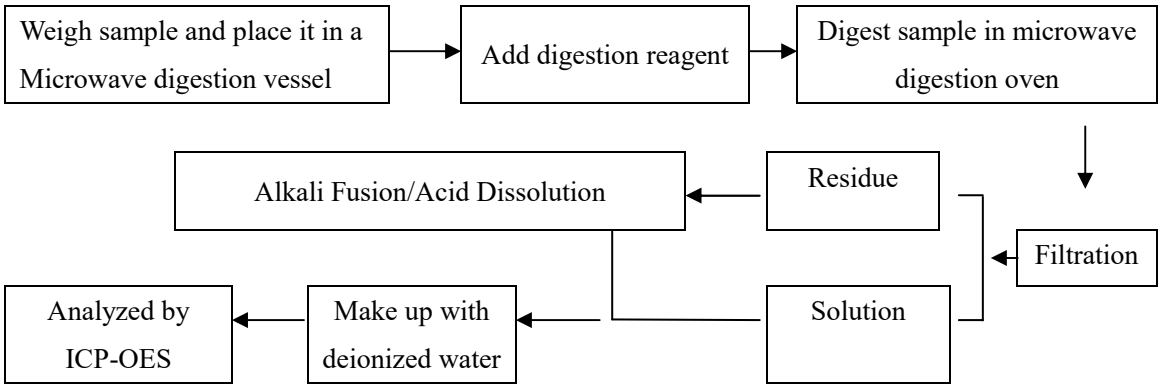
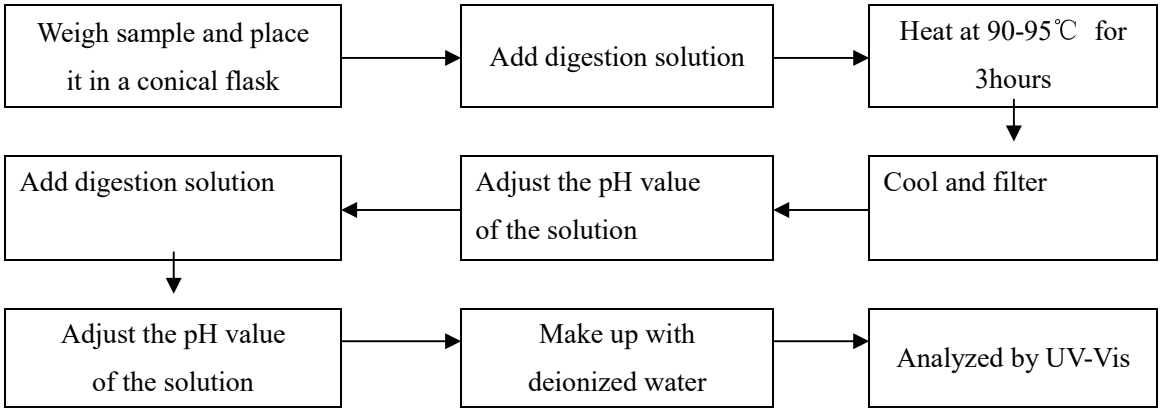
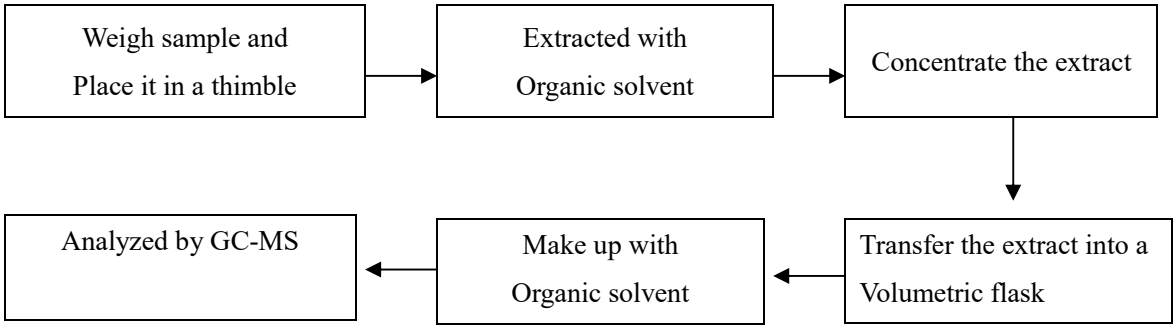
2. Test for Hg Content



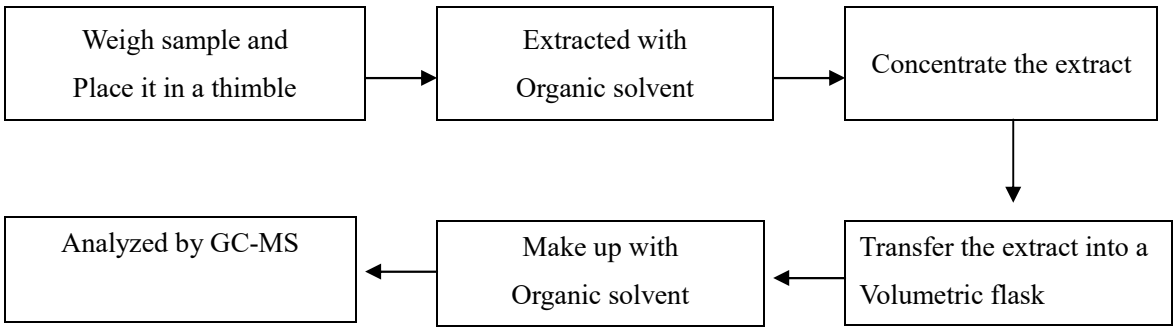
3.Test for Chromium (Ⅵ)Content



4. Test for PBBs/PBDEs Content



5. Phthalates Content



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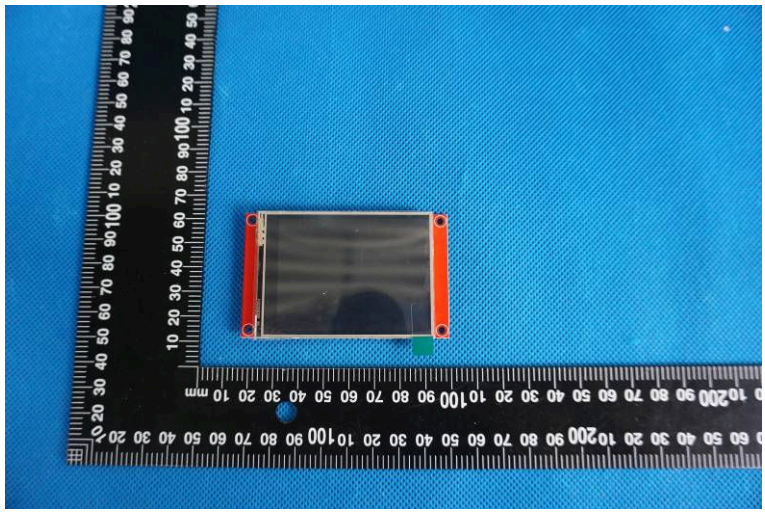
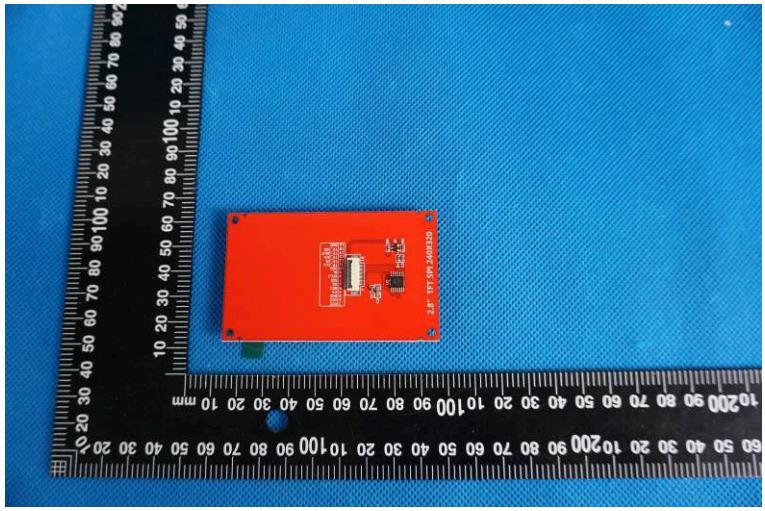
Photo(s) of the sample(s)





*** End of report ***

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