



# Test Report

Report No : TST20240602240-3RR

Date: Jun.18, 2024

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**Applicant** : Utigo Technology Ltd.  
**Address** : 15e, Ruijun Building, 108 Shangxing Community Center Road, Xinqiao Street, Shenzhen, Guangdong, China  
**Manufacturer** : Utigo Technology Ltd.  
**Address** : 15e, Ruijun Building, 108 Shangxing Community Center Road, Xinqiao Street, Shenzhen, Guangdong, China

The following sample(s) was /were submitted and identified on behalf of the clients as :

**Sample Name** : ANFO EXPLOSIVE LOADING HOSE  
**Sample Received Date** : Jun.14, 2024  
**Testing Period** : Jun.14, 2024 To Jun.18, 2024  
**Test Requested** : Selected test (s) in the selected parts as requested by client with the RoHS 2.0 Directive (EU) 2015/863 and (EU)2017/2102amending Annex II to Directive 2011/65/EU on the restriction of hazardous substances.  
**Test Method** : Please refer to next page(s).  
**Test Result** : Please refer to next page(s).  
**Test Conclusion** : The test results comply with the limits of RoHS 2.0 Directive (EU) 2015/863 and (EU)2017/2102 amending Annex II to Directive 2011/65/EU.

Signed for and on behalf of

Andy

Andy Zheng  
Technical Director



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## RoHS 2.0 Test Result(Black hose):

Test Item(s)	Unit	Test Method (Reference)	Result	MDL	Limit
Cadmium(Cd)	mg/kg	IEC 62321-5: 2013, ICP-OES	N.D.	10	100
Lead(Pb)	mg/kg	IEC 62321-5: 2013, ICP-OES	N.D.	10	1000
Hexavalent Chromium(CrVI)	mg/kg	IEC 62321-7-2:2017, UV-Vis	N.D.	10	1000
Mercury(Hg)	mg/kg	IEC 62321-4:2013/AMD1:2017, ICP-OES	N.D.	10	1000
<b>Sum of PBBs</b>	<b>mg/kg</b>	<b>IEC 62321-6: 2015, GC-MS</b>	<b>N.D.</b>	<b>10</b>	<b>1000</b>
Monobromobiphenyl	mg/kg	IEC 62321-6: 2015, GC-MS	N.D.	10	--
Dibromobiphenyl	mg/kg	IEC 62321-6: 2015, GC-MS	N.D.	10	--
Tribromobiphenyl	mg/kg	IEC 62321-6: 2015, GC-MS	N.D.	10	--
Tetrabromobiphenyl	mg/kg	IEC 62321-6: 2015, GC-MS	N.D.	10	--
Pentabromobiphenyl	mg/kg	IEC 62321-6: 2015, GC-MS	N.D.	10	--
Hexabromobiphenyl	mg/kg	IEC 62321-6: 2015, GC-MS	N.D.	10	--
Heptabromobiphenyl	mg/kg	IEC 62321-6: 2015, GC-MS	N.D.	10	--
Octabromobiphenyl	mg/kg	IEC 62321-6: 2015, GC-MS	N.D.	10	--
Nonabromobiphenyl	mg/kg	IEC 62321-6: 2015, GC-MS	N.D.	10	--
Decabromobiphenyl	mg/kg	IEC 62321-6: 2015, GC-MS	N.D.	10	--
<b>Sum of PBDEs</b>	<b>mg/kg</b>	<b>IEC 62321-6: 2015, GC-MS</b>	<b>N.D.</b>	<b>10</b>	<b>1000</b>
Monobromodiphenyl ether	mg/kg	IEC 62321-6: 2015, GC-MS	N.D.	10	--
Dibromodiphenyl ether	mg/kg	IEC 62321-6: 2015, GC-MS	N.D.	10	--
Tribromodiphenyl ether	mg/kg	IEC 62321-6: 2015, GC-MS	N.D.	10	--
Tetrabromodiphenyl ether	mg/kg	IEC 62321-6: 2015, GC-MS	N.D.	10	--
Pentabromodiphenyl ether	mg/kg	IEC 62321-6: 2015, GC-MS	N.D.	10	--
Hexabromodiphenyl ether	mg/kg	IEC 62321-6: 2015, GC-MS	N.D.	10	--
Heptabromodiphenyl ether	mg/kg	IEC 62321-6: 2015, GC-MS	N.D.	10	--
Octabromodiphenyl ether	mg/kg	IEC 62321-6: 2015, GC-MS	N.D.	10	--
Nonabromodiphenyl ether	mg/kg	IEC 62321-6: 2015, GC-MS	N.D.	10	--
Decabromodiphenyl ether	mg/kg	IEC 62321-6: 2015, GC-MS	N.D.	10	--
Dibutyl Phthalate(DBP)	mg/kg	IEC 62321-8: 2017, GC-MS	N.D.	30	1000
Benzylbutyl Phthalate (BBP)	mg/kg	IEC 62321-8: 2017, GC-MS	N.D.	30	1000
Di-(2-ethylhexyl) Phthalate(DEHP)	mg/kg	IEC 62321-8: 2017, GC-MS	N.D.	30	1000
Diisobutyl phthalate (DIBP)	mg/kg	IEC 62321-8: 2017, GC-MS	N.D.	30	1000

- Note:**
1. mg/kg=milligrams per kilogram
  2. N.D.= No Detection(<MDL)
  3. MDL = Method Detection Limit

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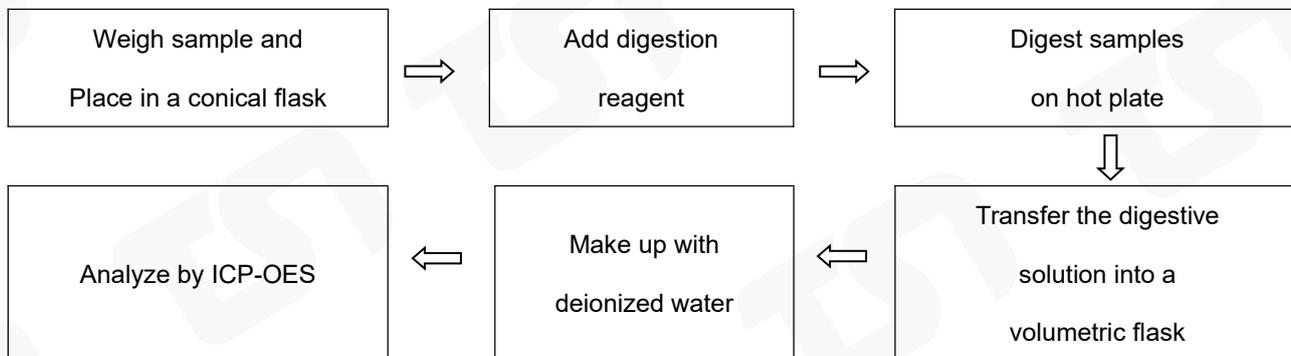
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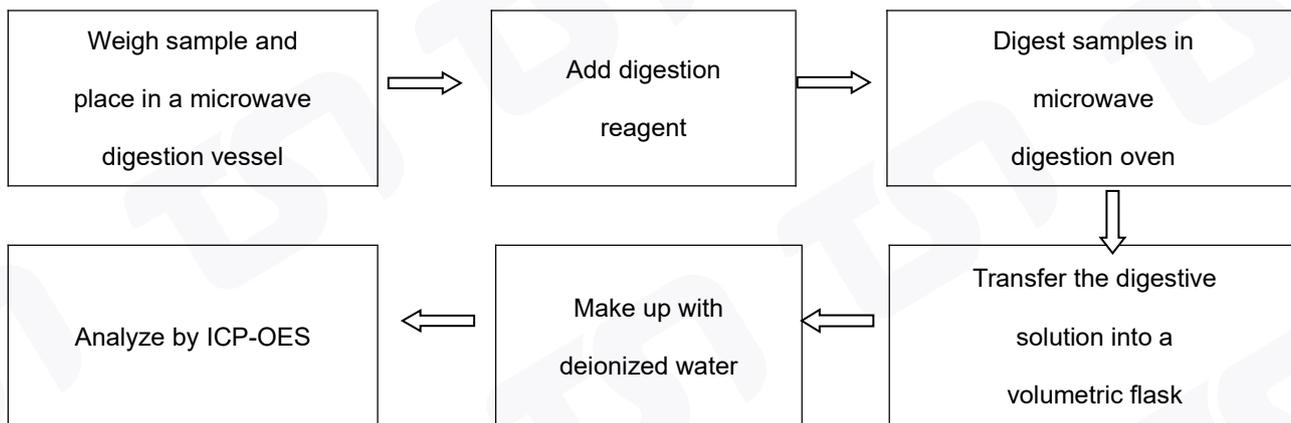
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## Test Process:

### 1. Test for Cd/Pb Content



### 2. Test for Hg Content



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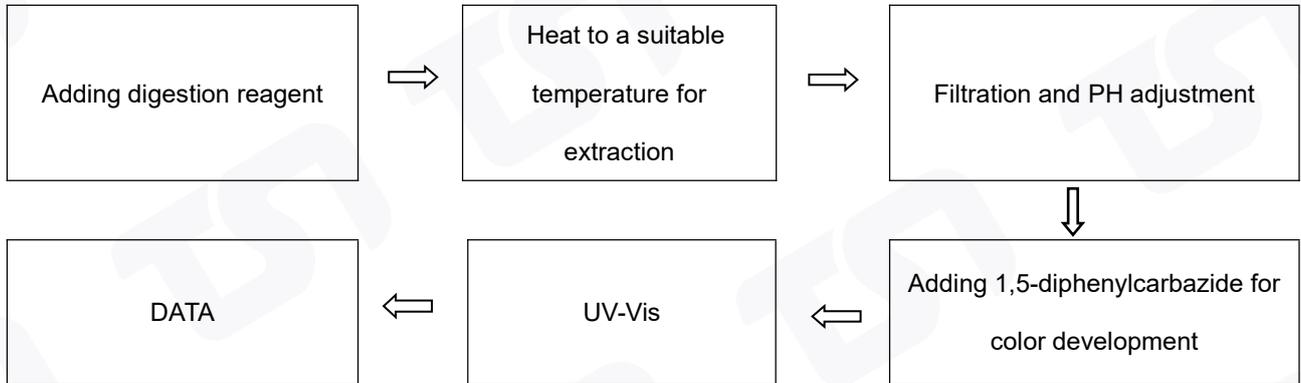
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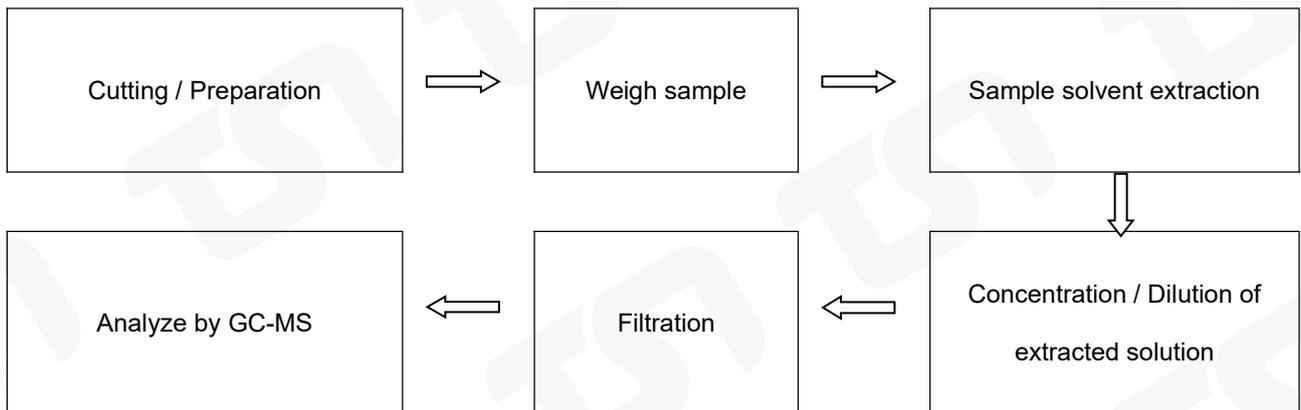
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## 3.Test for Chromium (VI) Content

Nonmetal material



## 4.Test for DBP, BBP, DEHP, DIBP, PBB, PBDE Content



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Sample pictures:



\*\*\* End of Report \*\*\*

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