

Guangzhou Yongze Engineering Technology Co., Ltd.**RoHS REPORT**

<b>Applicant</b>	Guangzhou Yongze Engineering Technology Co., Ltd.
<b>Address</b>	Room 302-01(Self-numbered), Building 1, Compound 1736, Fengle North Road, Huangpu District, Guangzhou
<b>The following sample(s) was /were submitted and identified on behalf of the clients as:</b>	
<b>Sample Name</b>	Ultrasonic Open Channel Weir and Flume Flowmeter
<b>Trademark</b>	MCGA
<b>Model Number</b>	MCGA-BC
<b>Additional Models</b>	MCGA-BCW,MCGA-BCP,MCGA-BCANZ,MCGA-BCO,MCGA-BCPOR
<b>Sample Received Date</b>	May. 30, 2025
<b>Testing Period</b>	May. 30, 2025-Jun. 06, 2025
<b>Test Requested</b>	Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment, 2011/65/EU Annex II and its amendment Directive. (EU) 2015/863 + Directive(EU) 2017/2102
<b>Test Method</b>	Please refer to next page(s).
<b>Test Result</b>	Please refer to next page(s).

Signed for and on behalf of



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# Test Report

Client Information	Applicant	Guangzhou Yongze Engineering Technology Co., Ltd.
	Address	Room 302-01(Self-numbered), Building 1, Compound 1736, Fengle North Road, Huangpu District, Guangzhou
	Manufacturer	Beijing Julikang Technology Co., Ltd.
	Address	Room 1007, 10th Floor, Building 112, Courtyard 50, Chunhe Road, Daxing District, Beijing
Product Detail	Product Name	Ultrasonic Open Channel Weir and Flume Flowmeter
	Model Number	MCGA-BC
	Additional Models	See page 1
	Input	AC220V,50/60Hz, 0.6Amax
Test Content	Test Items	Lead (Pb), Cadmium(Cd), Mercury (Hg), Hexavalent Chromium (Cr VI) , Polybrominated Biphenyls(PBBs) , Polybrominated Diphenyl Ethers(PBDEs), Di-n-butyl Phthalate (DBP), Benzyl butyl Phthalate (BBP), Bis (2-ethylhexyl) Phthalate (DEHP), Di-iso-butyl Phthalate (DIBP)
	Test Method	With reference to IEC 62321-1:2013 ,IEC 62321-3-1:2013 IEC 62321-4:2013 /AMD1:2017, IEC 62321-5:2013 IEC 62321-6:2015,IEC 62321-7-1:2015,IEC 62321-7-2:2017 IEC 62321-8:2017
	Conclusion	The submitted samples complied with the requirement of above Standards.
Remark	<p>1) When determining for test conclusion, measurement uncertainty of tests has been considered.</p> <p>2) This report shall not be reproduced except in full without the written approval of the testing laboratory.</p>	
<p>Tested by: <u>Kara</u> Engineer Jun. 06, 2025</p> <p>Reviewed by: <u></u> Technical Director Jun. 06, 2025</p>		

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## 1. TEST SUMMARY

No.	Name
1	Plastic shell
2	Screw
3	Golden metal holder
4	Black plastic
5	Silvery metal holder
6	Label
7	Resistance
8	PCB board
9	Capacitance
10	Tin solder
11	Sensing wire
12	Power line
13	White knob

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**Test Content:**

Test Item(s)	Test Method	Reference	Unit	Limit	MDL
Cadmium(Cd)	IEC 62321-5:2013	ICP-OES	mg/kg	100	2
Lead(Pb)	IEC 62321-5:2013	ICP-OES	mg/kg	1000	2
Mercury(Hg)	IEC 62321-4:2013 /AMD1:2017	ICP-OES	mg/kg	1000	2
Hexavalent Chromium(CrVI) (Metal)	IEC 62321-7-1:2015	UV-Vis	µg/cm <sup>2</sup>	0.13	0.1
Hexavalent Chromium(CrVI) (Nonmetal)	IEC 62321-7-2:2017	UV-Vis	mg/kg	1000	8
PBBs (Next form)	IEC 62321-6:2015	GC-MS	mg/kg	1000	5
PBDEs (Next form)	IEC 62321-6:2015	GC-MS	mg/kg	1000	5
Dibutyl Phthalate(DBP)	IEC 62321-8:2017	GC-MS	mg/kg	1000	30
Butyl benzyl phthalate (BBP)	IEC 62321-8:2017	GC-MS	mg/kg	1000	30
Di-(2-ethylhexyl) Phthalate(DEHP)	IEC 62321-8:2017	GC-MS	mg/kg	1000	30
Diisobutyl phthalate (DIBP)	IEC 62321-8:2017	GC-MS	mg/kg	1000	30

PBBs		PBDEs	
Monobromobiphenyl	Hexabromobiphenyl	Monobromodiphenyl ether	Hexabromodiphenyl ether
Dibromobiphenyl	Heptabromobiphenyl	Dibromodiphenyl ether	Heptabromodiphenyl ether
Tribromobiphenyl	Octabromobiphenyl	Tribromodiphenyl ether	Octabromodiphenyl ether
Tetrabromobiphenyl	Nonabromobiphenyl	Tetrabromodiphenyl ether	Nonabromodiphenyl ether
Pentabromobiphenyl	Decabromobiphenyl	Pentabromodiphenyl ether	Decabromodiphenyl ether

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## 2. Test Results:

Test Item(s)	No.1	No.2	No.3	No.4	No.5	No.6	No.7
Cadmium (Cd)	N.D.						
Lead (Pb)	N.D.						
Mercury (Hg)	N.D.						
Hexavalent Chromium (CrVI)	N.D.						
PBBs	N.D.						
PBDEs	N.D.						
Dibutyl Phthalate (DBP)	N.D.						
Butyl benzyl phthalate (BBP)	N.D.						
Di-(2-ethylhexyl) Phthalate (DEHP)	N.D.						
Diisobutyl phthalate (DIBP)	N.D.						

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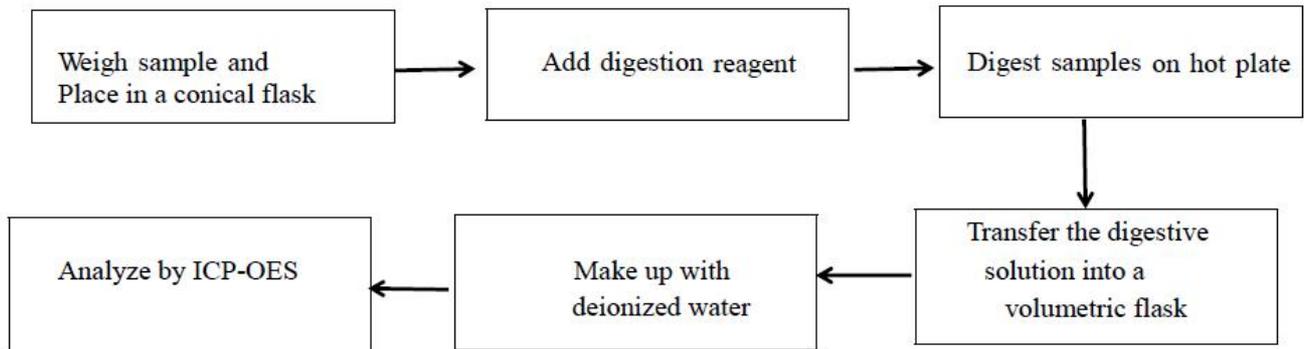
Test Item(s)	No.8	No.9	No.10	No.11	No.12	No.13
Cadmium (Cd)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Lead (Pb)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Mercury (Hg)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Hexavalent Chromium (CrVI)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
PBBs	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
PBDEs	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Dibutyl Phthalate (DBP)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Butyl benzyl phthalate (BBP)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Di-(2-ethylhexyl) Phthalate (DEHP)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Diisobutyl phthalate (DIBP)	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

<b>Note:</b>	1. mg/kg= ppm
	2. N.D.= Not Detected(<MDL)
	3. MDL = Method Detection Limit
	4. N.A.= NOT APPLICABLE

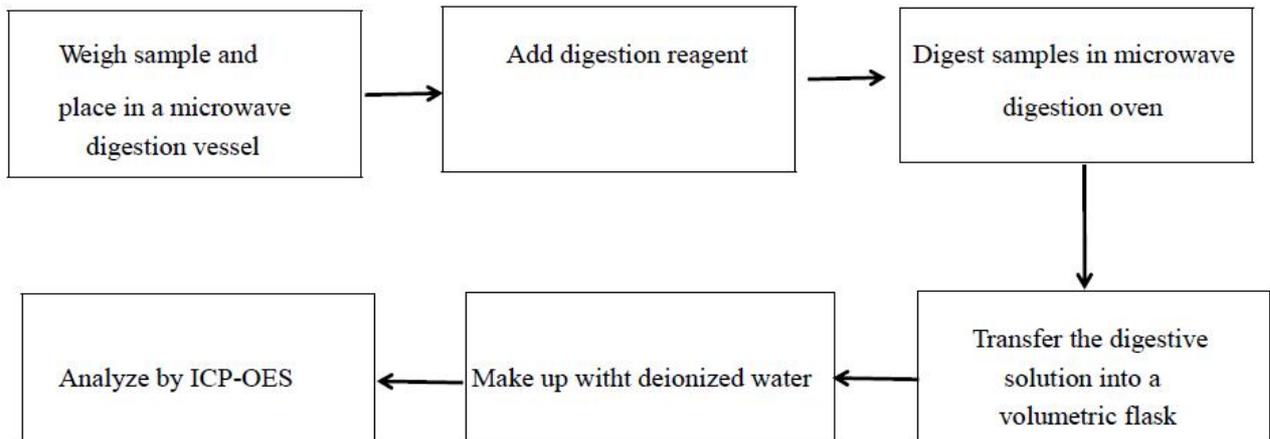
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**Test Process:**

## 1. Test for Cd/Pb Content

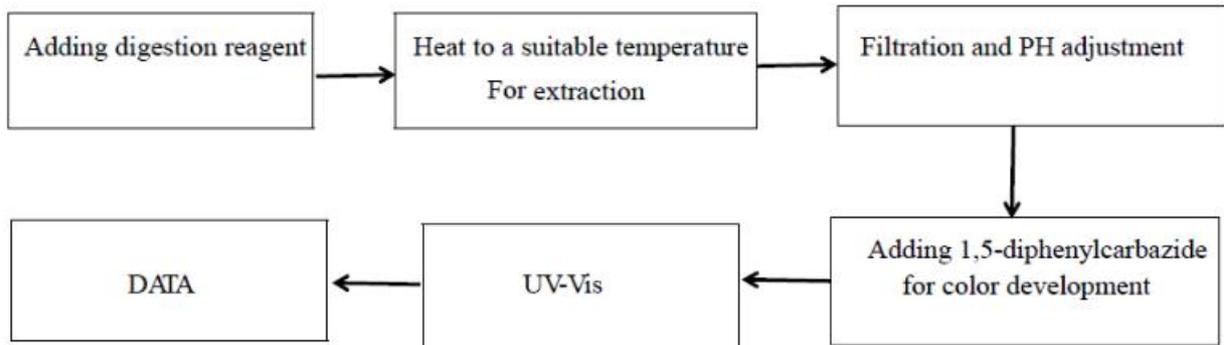


## 2. Test for Hg Content

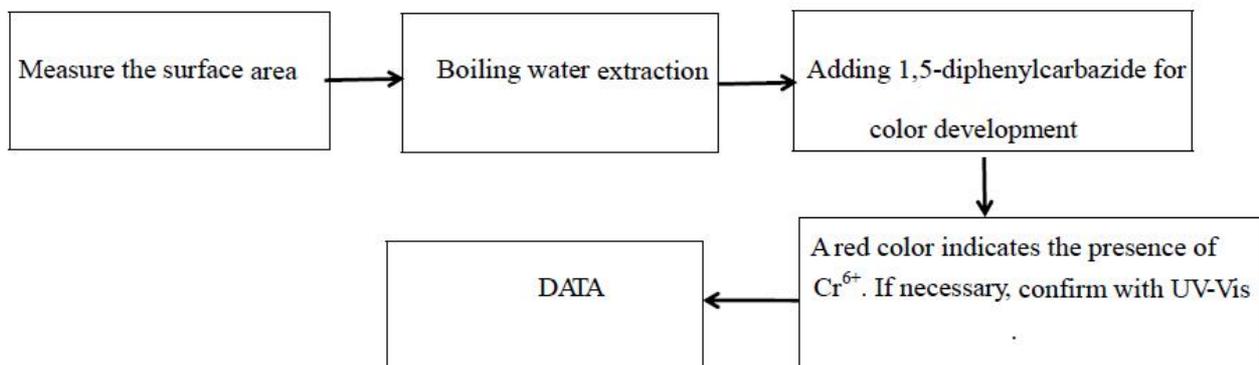




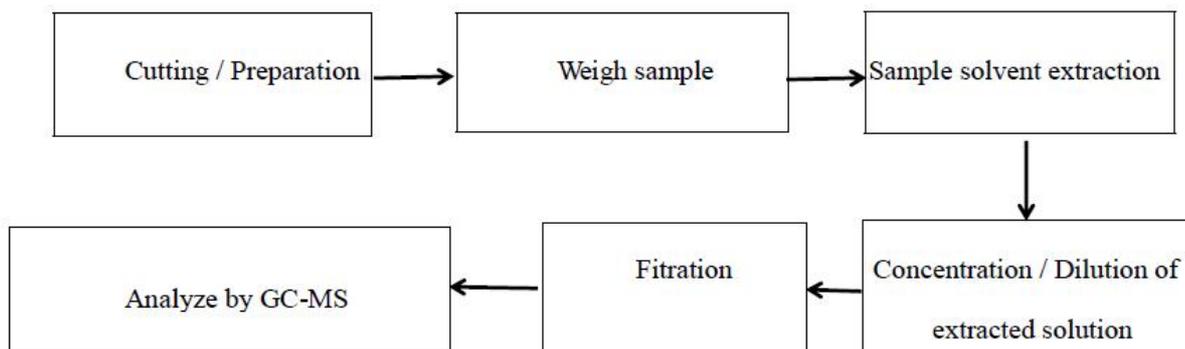
### 3. Test for Chromium (VI) Content Nonmetal material



Metal material:



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



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**Sample Photo:**



**Figure 1: EUT Photos**

**\*\*\* REPORT END \*\*\***