



TEST REPORT

Applicant: NingBo Idesk Intelligent Technology Co.,Ltd
Address: Wangjia Jiangnan Village Gaoqiao Town Haishu District, Ningbo City
Manufacturer: NingBo Idesk Intelligent Technology Co.,Ltd
Address: Wangjia Jiangnan Village Gaoqiao Town Haishu District, Ningbo City

The following sample(s) and sample information by the applicant.

Product Name: Powder
Model Number: E-1025, 622
Date of Receipt: Nov. 11, 2025
Date of Test: Nov. 11, 2025 - Nov. 17, 2025
Test Requested: With reference to RoHS Directive 2015/863/EU amending 2011/65/EU.
Test Standard: Please refer to next page(s).
Test Results: Please refer to next page(s).

Conclusion:

Based on the performed tests on submitted sample, the results of Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBBs), Polybrominated diphenyl ethers (PBDEs) and Phthalates such as Bis(2-ethylhexyl) phthalate(DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP), and Diisobutyl phthalate (DIBP) comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

Prepared (Engineer): Ava liu

Approved (Manager): Xiaoshan Ni



This test report is based on a single evaluation of one sample of above mentioned products. It is not permitted to be duplicated in extracts without written approval of Shenzhen DL Testing Technology Co., Ltd.

**VERSION**

Version No.	Date	Description
00	Nov. 17, 2025	Original

Test Part Description:

Specimen No.	Sample description
A01	Black powder
A02	White powder

Remarks:

- (1) 1mg/kg=0.0001%
- (2) MDL=Method Detection Limit
- (3) ND=Not Detected(<MDL)
- (4) "-"=Not Regulated

Test Results:**RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU**

Test Methods:

- (1) With reference to IEC 62321-5: 2013 Determination of Cadmium, Lead by ICP-OES.
- (2) With reference to IEC 62321-4:2017, Determination of Mercury by ICP-OES.
- (3) With reference to IEC 62321-7-2:2017, Determination of hexavalent chromium (Cr(VI)) in polymers and electronics by the colorimetric by UV-Vis.
- (4) With reference to IEC 62321-6:2015, Determination of PBBs and PBDEs by GC-MS.
- (5) With reference to IEC 62321-8:2017, Determination of Phthalates by GC-MS.

Test Item(s)	Unit	MDL	Results		Limit
			A01	A02	
Lead (Pb)	mg/kg	2	ND	ND	1000
Cadmium (Cd)	mg/kg	2	ND	ND	100
Mercury (Hg)	mg/kg	2	ND	ND	1000
Hexavalent Chromium (Cr(VI))	mg/kg	2	ND	ND	1000
Sum of PBBs	mg/kg	-	ND	ND	1000
Monobromobiphenyl	mg/kg	5	ND	ND	-
Dibromobiphenyl	mg/kg	5	ND	ND	-
Tribromobiphenyl	mg/kg	5	ND	ND	-
Tetrabromobiphenyl	mg/kg	5	ND	ND	-
Pentabromobiphenyl	mg/kg	5	ND	ND	-
Hexabromobiphenyl	mg/kg	5	ND	ND	-
Heptabromobiphenyl	mg/kg	5	ND	ND	-



Octabromobiphenyl	mg/kg	5	ND	ND	-
Nonabromodiphenyl	mg/kg	5	ND	ND	-
Sum of PBDEs	mg/kg	-	ND	ND	1000
Monobromodiphenyl ether	mg/kg	5	ND	ND	-
Dibromodiphenyl ether	mg/kg	5	ND	ND	-
Tribromodiphenyl ether	mg/kg	5	ND	ND	-
Tetrabromodiphenyl ether	mg/kg	5	ND	ND	-
Pentabromodiphenyl ether	mg/kg	5	ND	ND	-
Hexabromodiphenyl ether	mg/kg	5	ND	ND	-
Heptabromodiphenyl ether	mg/kg	5	ND	ND	-
Octabromodiphenyl ether	mg/kg	5	ND	ND	-
Nonabromodiphenyl ether	mg/kg	5	ND	ND	-
Decabromodiphenyl ether	mg/kg	5	ND	ND	-
Bis (2-ethylhexyl) phthalate (DEHP)	mg/kg	10	ND	ND	1000
Dibutyl phthalate (DBP)	mg/kg	10	ND	ND	1000
Benzyl butyl phthalate (BBP)	mg/kg	10	ND	ND	1000
Diisobutyl phthalate(DIBP)	mg/kg	10	ND	ND	1000

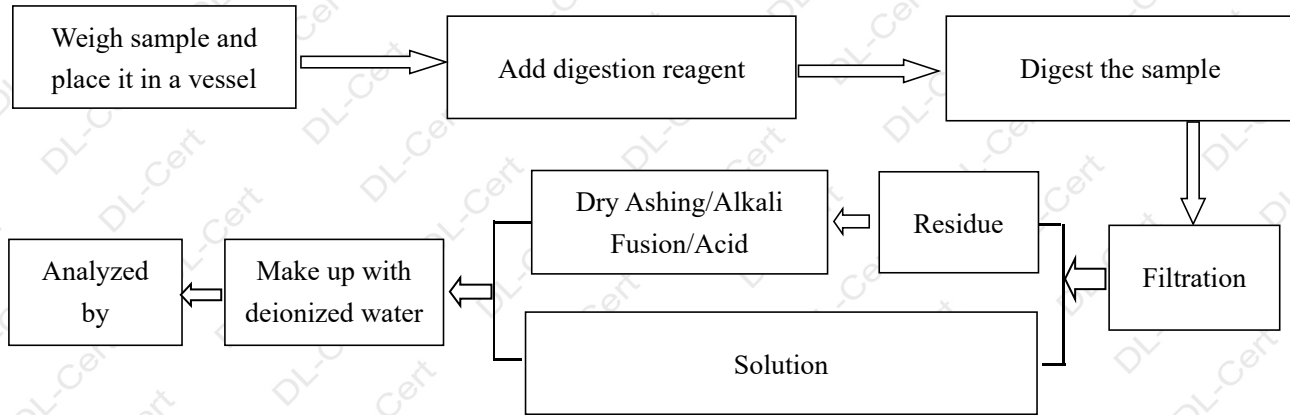
Notes:

(1) The maximum permissible limit is quoted from RoHS Derective (EU) 2015/863.

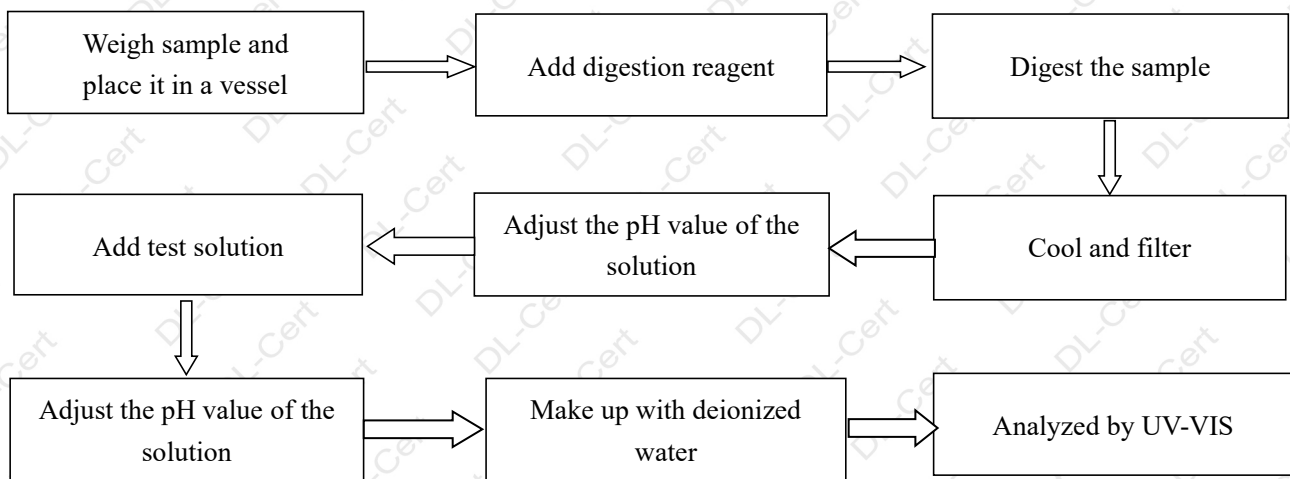


Appendix

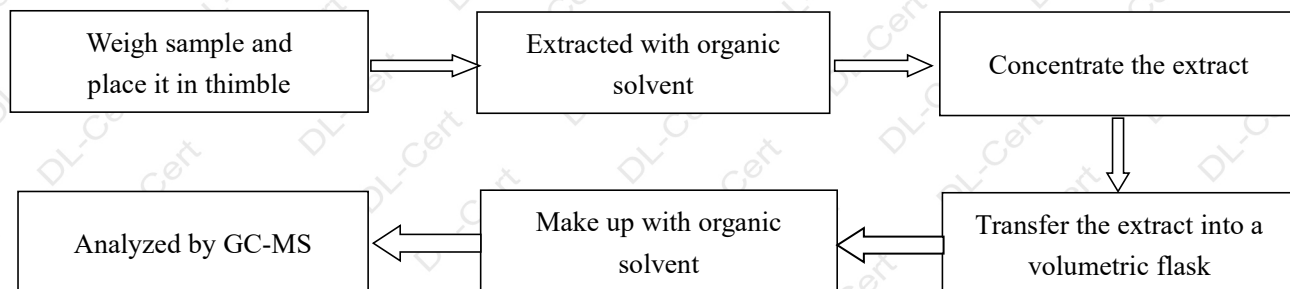
1. Test Flow chart for Cd/Pb /Hg content



2. Test Flowchart for Cr6+ content (For non-metal material)

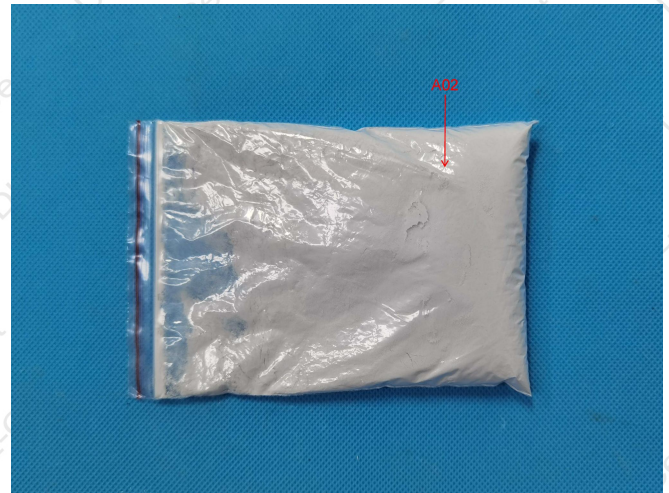


3. Test Flow chart for PBBs & PBDEs & DBP & BBP & DEHP & DIBP content





Sample photo:



******* END OF REPORT *******



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Tetrabromobiphenyl	mg/kg	5	ND	ND	-
Pentabromobiphenyl	mg/kg	5	ND	ND	-
Hexabromobiphenyl	mg/kg	5	ND	ND	-
Heptabromobiphenyl	mg/kg	5	ND	ND	-



Octabromobiphenyl	mg/kg	5	ND	ND	-
Nonabromodiphenyl	mg/kg	5	ND	ND	-
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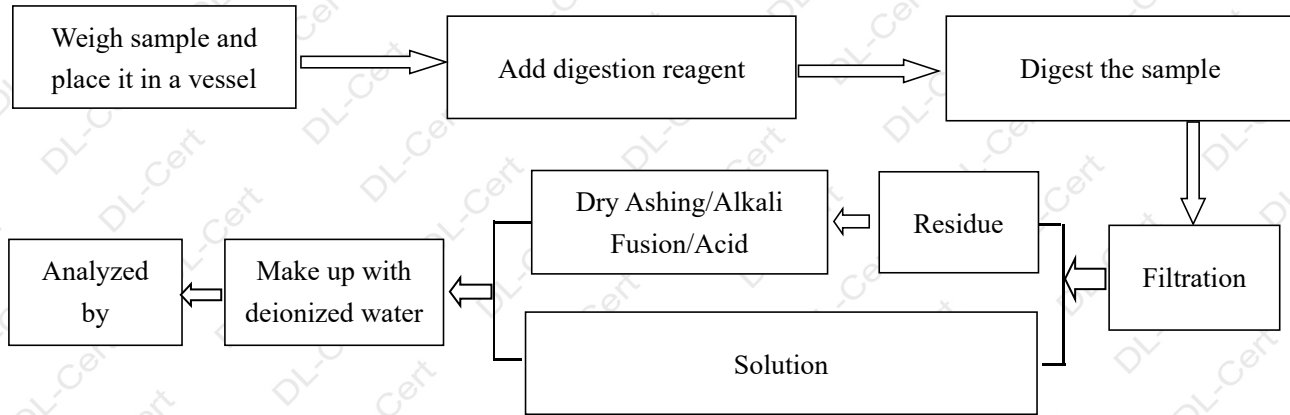
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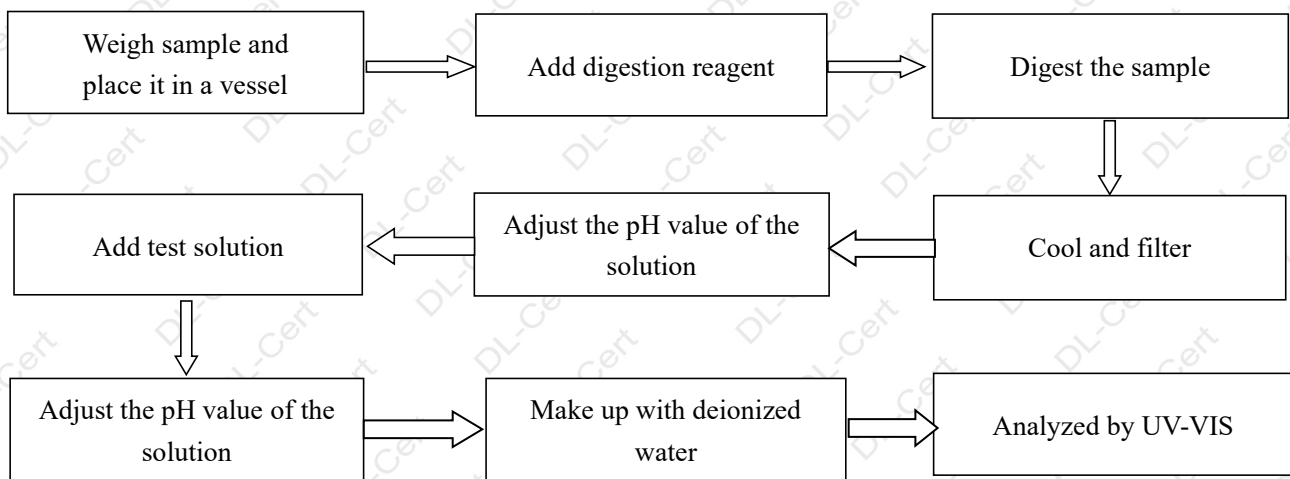


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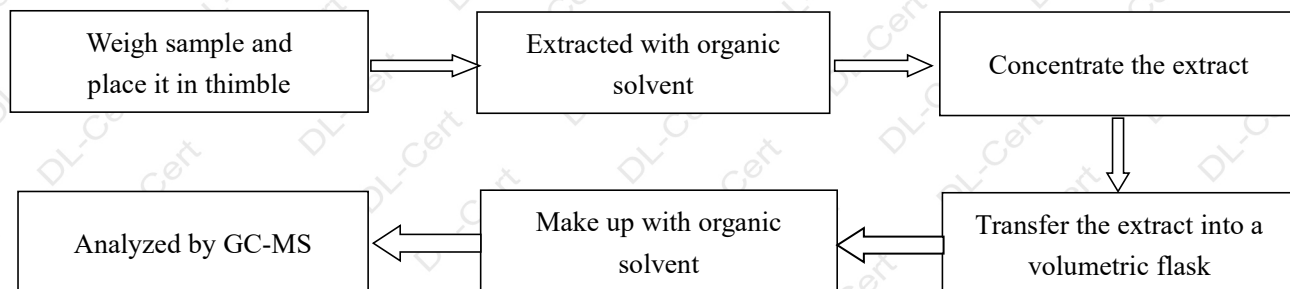
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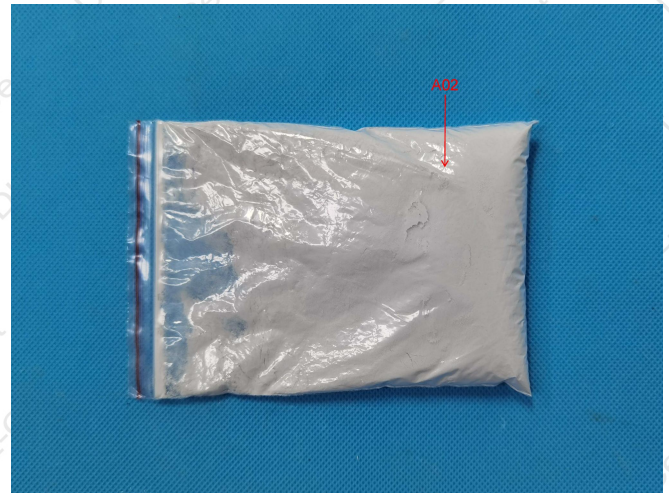


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Sample photo:



******* END OF REPORT *******