

Test Report	No.:	SHAEC25007834701	Date:	Apr 14, 2025	Page 1 of 7
Client Name:	Jiangsu Wanyu	uan New Materials Co., Ltd.			
Client Address:	Xingye Road, S	Shangdang Town, Dantu Distric	ct, Zhenjia	ang, Jiangsu, China	
Sample Name:	В	lack hydrophilic aluminum foil			
The above sam	ple(s) and inform	mation were provided by the cli	ent.		
SGS Job No.:	S	HP25-010955			
Sample Receiv	ing Date: A	pr 10, 2025			
Testing Period:	A	pr 10, 2025 ~ Apr 14, 2025			
Test Requested	d: S	elect test(s) as requested by th	e client.		
Test Method(s)	: Р	lease refer to next page(s).			
Test Result(s):	Р	lease refer to next page(s).			

Test Requirement	Conclusion
EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU	
- Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls	
(PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-ethylhexyl) phthalate	Pass
(DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl	
phthalate (DIBP)	

Signed for and on behalf of SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

y Lon

Jenny Lan Approved Signatory





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# **Test Report**

### No.: SHAEC25007834701

**Date:** Apr 14, 2025

### Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	SHA25-0078347-0001.C001	Silvery metal with black coating

Remarks:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit

(3) ND = Not Detected (< MDL)

(4) "-" = Not Regulated

### EU RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU - Lead, Mercury, Cadmium, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP)

#### **Test Method:** With reference to IEC 62321-4:2013+AMD1:2017, IEC 62321-5:2013, IEC 62321-7-2:2017 and IEC 62321-12:2023, analysis was performed by ICP-OES/AAS, UV-Vis and GC-MS.

Test Item(s)	Limit	Unit(s)	MDL	A1
Lead (Pb)	1000	mg/kg	2	ND
Mercury (Hg)	1000	mg/kg	2	ND
Cadmium (Cd)	100	mg/kg	2	ND
Hexavalent Chromium (Cr(VI))	1000	mg/kg	8	ND
Polybrominated biphenyls (PBB)	1000	mg/kg	-	ND
Monobrominated biphenyl (MonoBB)	-	mg/kg	25	ND
Dibrominated biphenyl (DiBB)	-	mg/kg	25	ND
Tribrominated biphenyl (TriBB)	-	mg/kg	25	ND
Tetrabrominated biphenyl (TetraBB)	-	mg/kg	25	ND
Pentabrominated biphenyl (PentaBB)	-	mg/kg	25	ND
Hexabrominated biphenyl (HexaBB)	-	mg/kg	25	ND
Heptabrominated biphenyl (HeptaBB)	-	mg/kg	25	ND
Octabrominated biphenyl (OctaBB)	-	mg/kg	25	ND
Nonabrominated biphenyl (NonaBB)	-	mg/kg	25	ND
Decabrominated biphenyl (DecaBB)	-	mg/kg	25	ND
Polybrominated diphenyl ethers (PBDE)	1000	mg/kg	-	ND
Monobrominated diphenyl ether (MonoBDE)	-	mg/kg	25	ND
Dibrominated diphenyl ether (DiBDE)	-	mg/kg	25	ND
Tribrominated diphenyl ether (TriBDE)	-	mg/kg	25	ND
Tetrabrominated diphenyl ether (TetraBDE)	-	mg/kg	25	ND
Pentabrominated diphenyl ether (PentaBDE)	-	mg/kg	25	ND
Hexabrominated diphenyl ether (HexaBDE)	-	mg/kg	25	ND
Heptabrominated diphenyl ether (HeptaBDE)	-	mg/kg	25	ND



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Test Item(s)		Limit	Unit(s)	MDL	A1
Octabrominated diphenyl ethe (OctaBDE)	er	-	mg/kg	25	ND
Nonabrominated diphenyl eth (NonaBDE)	er	-	mg/kg	25	ND
Decabrominated diphenyl eth (DecaBDE)	er	-	mg/kg	25	ND
Bis(2-ethylhexyl) phthalate (D	EHP)	1000	mg/kg	50	ND
Butyl benzyl phthalate (BBP)	Butyl benzyl phthalate (BBP)		mg/kg	50	ND
Dibutyl Phthalate (DBP)	Dibutyl Phthalate (DBP)		mg/kg	50	ND
Diisobutyl Phthalate (DIBP)	Diisobutyl Phthalate (DIBP)		mg/kg	50	ND

#### Notes:

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

(2) IEC 62321 series is equivalent to EN 62321 series.

(3) The restriction of DEHP, BBP, DBP and DIBP shall apply to medical devices, including in vitro medical devices, and monitoring and control instruments, including industrial monitoring and control instruments, from 22 July 2021.

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.



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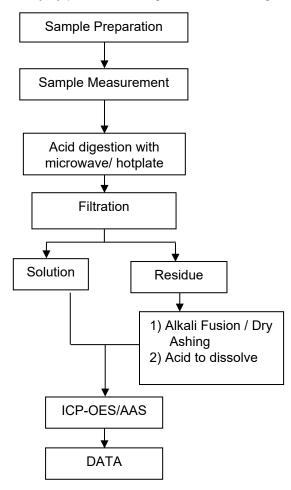
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### **Elements Testing Flow Chart**

These samples were dissolved totally by pre-conditioning method according to below flow chart.





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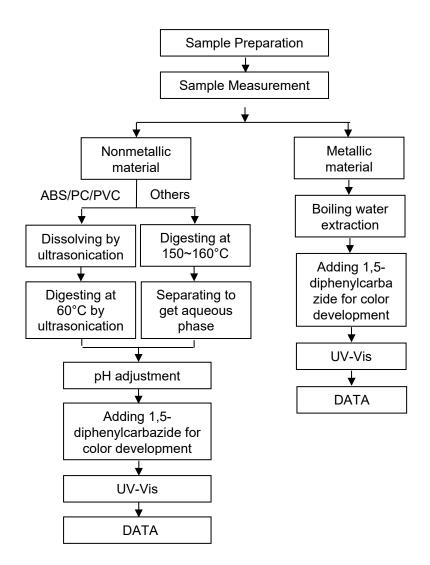
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# Test Report ATTACHMENTS

No.: SHAEC25007834701

Hexavalent Chromium (Cr(VI)) Testing Flow Chart





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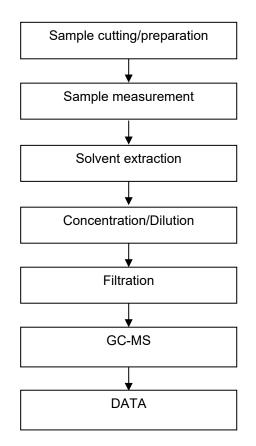
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### **PBB/PBDE/Phthalates Testing Flow Chart**





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