

Test Report

No.: CKGEC26000981705

Date: Jul 08, 2026

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Client Name: SHENZHEN ESUN INDUSTRIAL CO.,LTD

Client Address: 15A, MICROSOFT KETONG BUILDING, NO. 55 GAOXINNAN 9TH ROAD, HIGH TECH COMMUNITY, YUEHAI STREET, NANSHAN DISTRICT, SHENZHEN

Sample Name: PETG-Matte+PLA-Magic+rPETG+PLA-Clear+PPS-CF

The above sample(s) and information were provided by the client.

SGS Job No.: CQP26-008657

Sample Receiving Date: Jul 02, 2026

Testing Period: Jul 02, 2026 ~ Jul 08, 2026

Test Requested: Select test(s) as requested by the client.

Test Method(s): Please refer to next page(s).

Test Result(s): Please refer to next page(s).

Test Requirement	Conclusion
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)	See Results

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

Amber Xu

Amber Xu
Approved Signatory

Scan to see the report



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Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A6+A7+A8+A9+A10	CKG26-0009817-0003	Reddish-brown material + Gold/white material + White material + Blue material + Dark gray material

Remarks:

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

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, IEC 62321-6:2015 and IEC 62321-8:2017, analysis was performed by ICP-OES/AAS, UV-Vis and GC-MS.

Test Item(s)	Unit(s)	MDL	A6+A7+A8+A9+A10
Lead (Pb)	mg/kg	2	ND
Mercury (Hg)	mg/kg	2	ND
Cadmium (Cd)	mg/kg	2	ND
Hexavalent Chromium (Cr(VI))	mg/kg	8	ND
Polybrominated biphenyls (PBB)	mg/kg	-	ND
Monobrominated biphenyl (MonoBB)	mg/kg	5	ND
Dibrominated biphenyl (DiBB)	mg/kg	5	ND
Tribrominated biphenyl (TriBB)	mg/kg	5	ND
Tetrabrominated biphenyl (TetraBB)	mg/kg	5	ND
Pentabrominated biphenyl (PentaBB)	mg/kg	5	ND
Hexabrominated biphenyl (HexaBB)	mg/kg	5	ND
Heptabrominated biphenyl (HeptaBB)	mg/kg	5	ND
Octabrominated biphenyl (OctaBB)	mg/kg	5	ND
Nonabrominated biphenyl (NonaBB)	mg/kg	5	ND
Decabrominated biphenyl (DecaBB)	mg/kg	5	ND
Polybrominated diphenyl ethers (PBDE)	mg/kg	-	ND
Monobrominated diphenyl ether (MonoBDE)	mg/kg	5	ND
Dibrominated diphenyl ether (DiBDE)	mg/kg	5	ND
Tribrominated diphenyl ether (TriBDE)	mg/kg	5	ND
Tetrabrominated diphenyl ether (TetraBDE)	mg/kg	5	ND
Pentabrominated diphenyl ether (PentaBDE)	mg/kg	5	ND
Hexabrominated diphenyl ether (HexaBDE)	mg/kg	5	ND



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Test Item(s)	Unit(s)	MDL	A6+A7+A8+A9+A10
Heptabrominated diphenyl ether (HeptaBDE)	mg/kg	5	ND
Octabrominated diphenyl ether (OctaBDE)	mg/kg	5	ND
Nonabrominated diphenyl ether (NonaBDE)	mg/kg	5	ND
Decabrominated diphenyl ether (DecaBDE)	mg/kg	5	ND
Bis(2-ethylhexyl) phthalate (DEHP)	mg/kg	50	ND
Butyl benzyl phthalate (BBP)	mg/kg	50	ND
Dibutyl phthalate (DBP)	mg/kg	50	ND
Diisobutyl phthalate (DIBP)	mg/kg	50	ND

Notes:

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

(2) 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.

Remark: Test was conducted on composite of random parts of the item as per client's request . 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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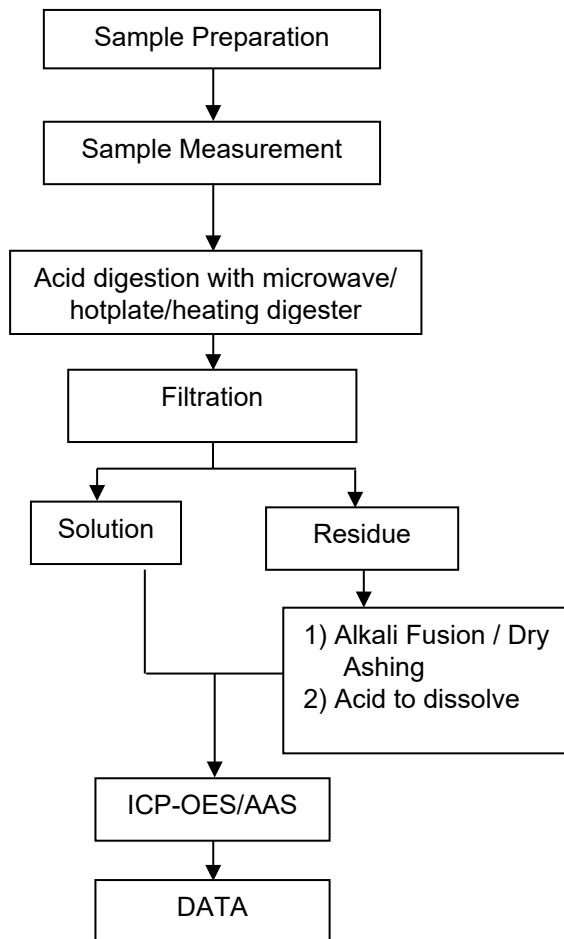
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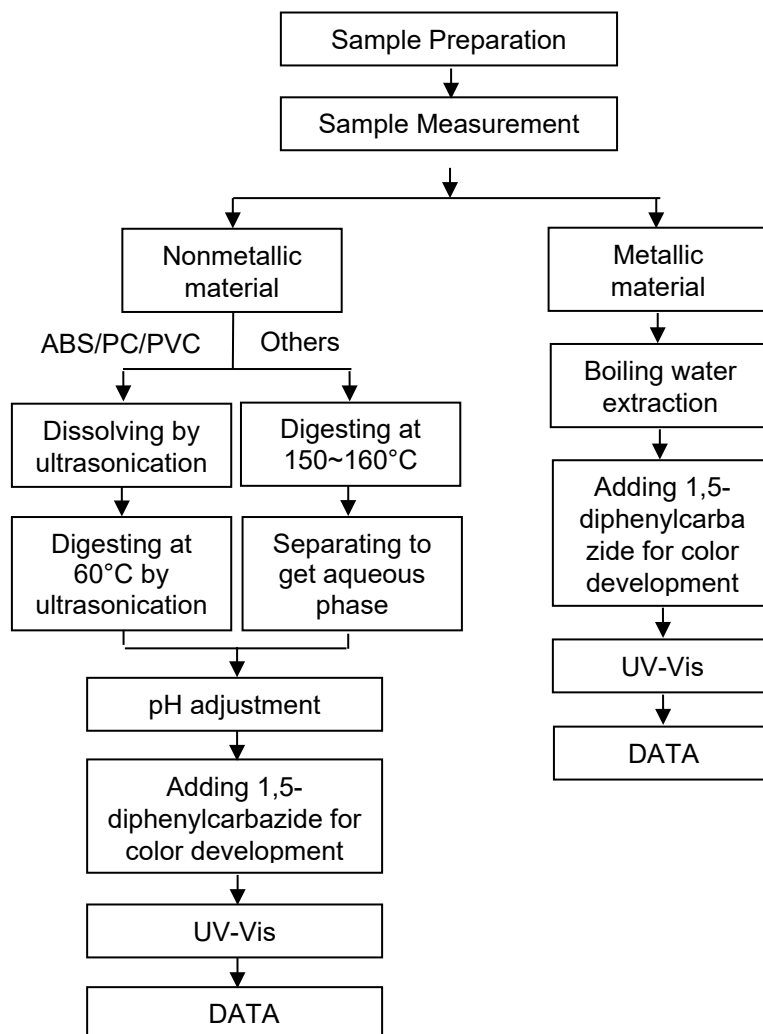
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Elements Testing Flow Chart

These samples of Pb/Cd/Hg were dissolved totally by pre-conditioning method according to below flow chart.



Hexavalent Chromium (Cr(VI)) Testing Flow Chart



Test Report

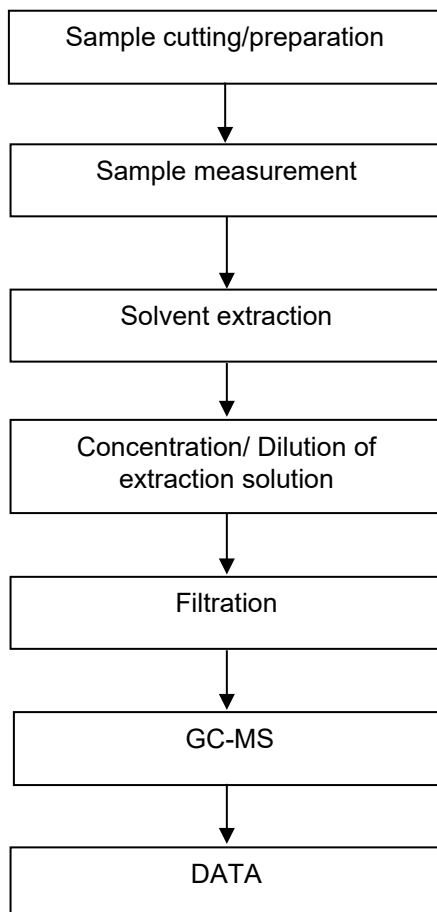
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PBB(s)/PBDE(s) Testing Flow Chart



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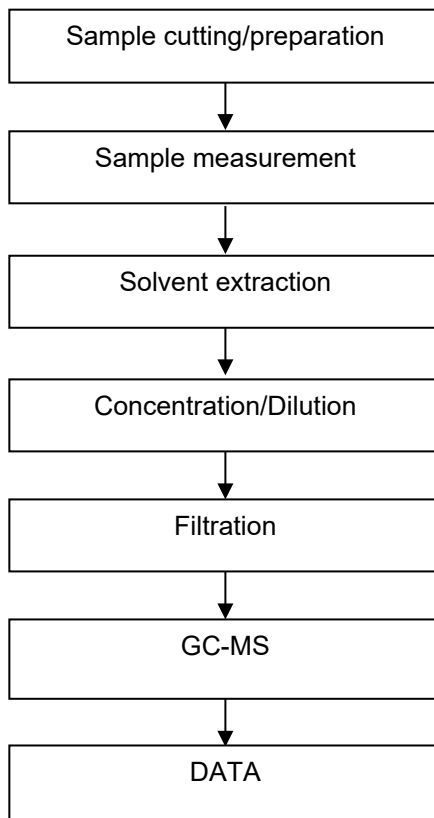
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Phthalates Testing Flow Chart



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Sample Photo:



SGS authenticate the photo on original report only

*** End of Report ***



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