

Test Report

No.: SHAEC26000343801

Date: Jan 12, 2026

Page 1 of 9

Client Name: Jiangsu Zhongke Kehua New Materials Co.,Ltd

Client Address: No.70 MEILAN EAST ROAD,HAILING INDUSTRIAL PARK,TAIZHOU,JIANGSU PROVINCE,P.R

Sample Name: EPOXY MOLDING COMPOUND

Model No.: KHG500

Client Ref. Information: See the attachment
Production date 2025.12.26

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

SGS Job No.: SHP26-000396

Sample Receiving Date: Jan 06, 2026

Testing Period: Jan 06, 2026 ~ Jan 12, 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
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)	Pass

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

胡敏

Dora Hu 胡敏
Approved Signatory

Scan to see the report



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This report is English version of SHAEC26000343802.



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Test Report

No.: SHAEC26000343801

Date: Jan 12, 2026

Page 2 of 9

Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1	SHA26-0003438-0001.C001	Dark gray powder

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 Report

No.: SHAEC26000343801

Date: Jan 12, 2026

Page 3 of 9

Test Item(s)	Limit	Unit(s)	MDL	A1
Octabrominated diphenyl ether (OctaBDE)	-	mg/kg	25	ND
Nonabrominated diphenyl ether (NonaBDE)	-	mg/kg	25	ND
Decabrominated diphenyl ether (DecaBDE)	-	mg/kg	25	ND
Bis(2-ethylhexyl) phthalate (DEHP)	1000	mg/kg	50	ND
Butyl benzyl phthalate (BBP)	1000	mg/kg	50	ND
Dibutyl Phthalate (DBP)	1000	mg/kg	50	ND
Diisobutyl Phthalate (DIBP)	1000	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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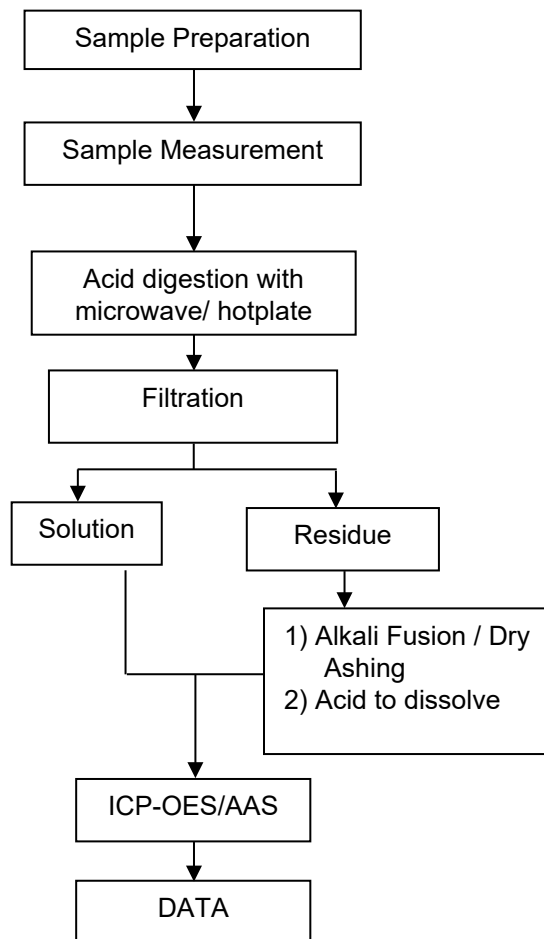
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Elements Testing Flow Chart

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



Test Report

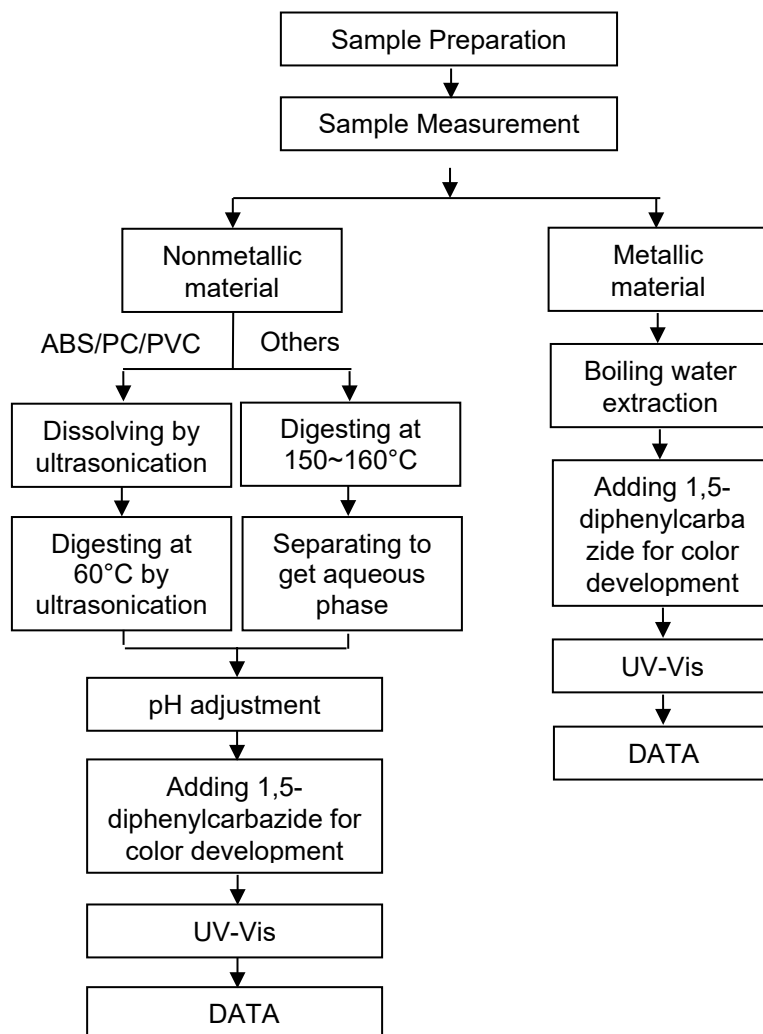
No.: SHAEC26000343801

Date: Jan 12, 2026

Page 5 of 9

ATTACHMENTS

Hexavalent Chromium (Cr(VI)) Testing Flow Chart



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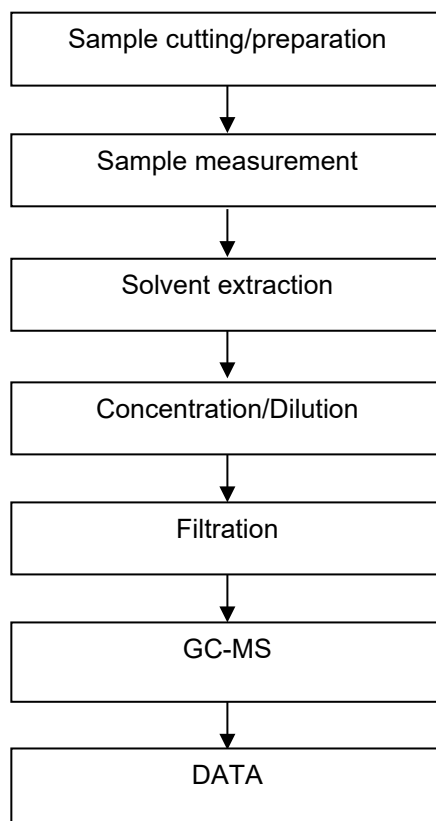
No.: SHAEC26000343801

Date: Jan 12, 2026

Page 6 of 9

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



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Test Report

No.: SHAEC26000343801

Date: Jan 12, 2026

Page 7 of 9

Attachment:

KHG100, KHG100R, KHG100MT, KHG100MA, KHG100F, KHG100H
KHG200, KHG200L, KHG200M, KHG200F, KHG200J, KHG200H, KHG200-HY, KHG200N,
KHG200-8, KHG200F-M, KHG200X, KHG200M1, KHGG200M3, KHG200ME, KHG200MW, KHG200MT
KHG300, KHG300-5, KHG300-8, KHG300B, KHG300-LC, KHG300L, KHG300H, KHG300N,
KHG300-HY, KHG300-HY2, KHG300-HY2(J2), KHG300-HY3(J2),
KHG300-HY3, KHG300-HY4, KHG300-8L, KHG300-8M, KHG300-8H, KHG300X, KHG300X-1,
KHG300X-2, KHG300X-1A, KHG300X-2A, KHG300X-T, KHG300MD, KHG300ME, KHG300M,
KHG300MA, KHG300MB, KHG300MEL, KHG300MS, KHG300MHV,

KHG400, KHG400G, KHG400L, KHG400M, KHG400N, KHG400H, KHG400Y, KHG400-5, KHG400-7,
KHG400-8, KHG400-HY4, KHG400J, KHG400L2, KHG400ME

KHG500A, KHG500, KHG500-1, KHG500-6, KHG500J, KHG500-X, KHG500S, KHG500-XS,
KHG500-KS, KHG500H, KHG500-HY3, KHG500-HY3C, KHG500-HY3A, KHG500-HY3B, KHG500-
HY3D, KHG500-HT, KHG500F, KHG500M, KHG500ML, KHG500T, KHG500W, KHG500-
JL, KHG500L, KHG500-8, KHG500-5, KHG500H-1, KHG500H-2, KHG500J3, KHG500J1, KHG500JA,
KHG500L2, KHG500L3, KHG500H-1W, KHG500H-1T

KHG600, KHG600-1, KHG600-3, KHG600-4, KHG600-7G, KHG600-A, KHG600-A1
KHG600-A2, KHG600-A3, KHG600-A5, KHG600-A6, KHG600-D, KHG600-D1,
KHG600-D2, KHG600-D3, KHG600-DA, KHG600-DB, KHG600-DC, KHG600-DD, KHG600-E,
KHG600-G, KHG600H, KHG600-H, KHG600HV, KHG600-HT, KHG600HX, KHG600-HY,
KHG600J, KHG600-JL, KHG600JN, KHG600JT, KHG600K1, KHG600-KS, KHG600L, KHG600-M,
KHG600ME, KHG600-4A, KHG600-TW, KHG600HV-SH, KHG600-1RFB, KHG600-1SFB, KHG600-LD
Type A/KHG600-LD Type B

KHG700, KHG700F, KHG700N, KHG700M, KHG700M-5, KHG700T, KHG700-CT, KHG700-T,
KHG700M-6, KHG700-8L, KHG700-8M, KHG700-8H, KHG700H, KHG700L, KHG700M-7, KHG700-
A1, KHG700-A2, KHG700-2, KHG700JH, KHG700A6,
KHG700J3, KHG700J4, KHG700J, KHG700RJ, KHG700-8J, KHG700-A6, KHG700T-1, KHG700T2,
KHG700T3, KHG700ME, KHG700MEF, KHG700L-1, KHG700L-2, KHG700-8J1, KHG700-8M Type B,
KHG700 Type A, KHG700 Type B, KHG700F Type A/KHG700F Type B/KHG700F Type C/KHG700F Type
D/KHG700F Type E; KHG700M Type A/KHG700M Type B/KHG700M Type C/KHG700M Type



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Test Report

No.: SHAEC26000343801

Date: Jan 12, 2026

Page 8 of 9

D/KHG700M Type E; KHG700-8; KHG700-8L Type A/KHG700-8L Type B/KHG700-8L Type C/KHG700-8L Type D/KHG700-8L Type E; KHG700-8M Type A/KHG700-8M Type B/KHG700-8M Type C/KHG700-8M Type D/KHG700-8M Type E; KHG700-8H Type A/KHG700-8H Type B/KHG700-8H Type C/KHG700-8H Type D/KHG700-8H Type E, KHG700MS, KHG700JL, KHG700L1, KHG700P

KHG800, KHG800-5, KHG800-8, KHG800-5J, KHG800-5S, KHG800B, KHG800B1
KHG800B2, KHG800B3, KHG800B4, KHG800B5, KHG800B6, KHG800BJ, KHG800C
KHG800C1, KHG800C2, KHG800C3, KHG800C2HTI, KHG800C4HT, KHG800F,
KHG800H, KHG800J, KHG800JB, KHG800J-C2, KHG800JU, KHG800JS, KHG800L
KHG800L1, KHG800L1T, KHG800L7R, KHG800M, KHG800N, KHG800N1, KHG800N2
KHG800N3, KHG800Q, KHG800T, KHG800T1, KHG800T2, KHG800T3, KHG800-TQ
KHG800-TT, KHG800TT, KHG800U, KHG800Z, KHG800C2HT,
KHG800L2, KHG800L3, KHG800L4, KHG800H TypeA, KHG800H TypeB, KHG800-5 Type A/KHG800-5 Type B/KHG800-5 Type C/KHG800-5 Type D/KHG800-5 Type E; KHG800-LD Type A/KHG800-LD Type B。
KHG800L-1、KHG800L-2、KHG800L-3、KHG800L-4、KHG800L5、KHG800L6、KHG800-1、KHG800-2、KHG800J-1、KHG800J-2、KHG800-C1、KHG800L-U, KHG800L4, KHG800L-ZD

KHG900, KHG900A, KHG900A1, KHG900A2, KHG900A3, KHG900AU, KHG900G, KHG900GH,
KHG900G-J, KHG900Q, KHG900Q1, KHG900Q2, KHG900Q3, KHG900QU, KHG900J, KHG900J1,
KHG900J2, KHG900J3, KHG900JU, KHG900JG, KHG900JG-20, KHG900JG-55, KHG900U,
KHG900U1, KHG900U2, KHG900U3, KHG900L, KHG900JG-20D, KHG900L-1、KHG900L-2、
KHG900L-U、KHG900G-J2、KHG900G-J3、KHG900J-10、KHG900J-K、KHG900J-C、KHG900JG-H、
KHG900JG-H1、KHG900JG-12、KHG900JG-U、KHG900JG-D、KHG900JG-11



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Page 9 of 9

Sample Photo:



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