

Test Report

No.: CANEC26003365806

Date: Feb 11, 2026

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Client Name: BRIGHT-E ELECTRONIC TECHNOLOGY LIMITED

Client Address: NO.1 HE SHI ROAD,HUANG NI TANG,CHANGPING TOWN,DONGGUAN
CITR,GUANGDONG PROVINCE

Sample Name: High conductivity Copper Pin Needle: Nickel plated bottom, Gold plated surface

Client Ref. Information: Please see attachment

Material: High Conductivity Copper Pin Needle

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

SGS Job No.: SZP26-006581

Sample Receiving Date: Feb 04, 2026

Testing Period: Feb 04, 2026 ~ Feb 11, 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 Co., Ltd. Guangzhou Branch

Jessie Li

Jessie-JX Li
Approved Signatory

Scan to see the report



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SGS-CSTC Standards Technical Services Co., Ltd.
Guangzhou Branch

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Test Result(s):

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A6	CAN26-0033658-0001.C006	Golden plated metal

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 62321-7-1:2015 and IEC 62321-12:2023, analysis was performed by ICP-OES/AAS, UV-Vis and GC-MS.

Test Item(s)	Limit	Unit(s)	MDL	A6
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))▼	-	µg/cm ²	0.10	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	A6
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) ▼ =
 - a. The sample is positive for Cr(VI) if the Cr(VI) concentration is greater than 0.13 µg/cm². The sample coating is considered to contain Cr(VI).
 - b. The sample is negative for Cr(VI) if Cr(VI) is ND (concentration less than 0.10 µg/cm²). The coating is considered a non-Cr(VI) based coating.
 - c. The result between 0.10 µg/cm² and 0.13 µg/cm² is considered to be inconclusive-unavoidable coating variations may influence the determination.

Information on storage conditions and production date of the tested sample is unavailable and thus Cr(VI) results represent status of the sample at the time of testing.

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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Guangzhou Branch Technical Laboratory

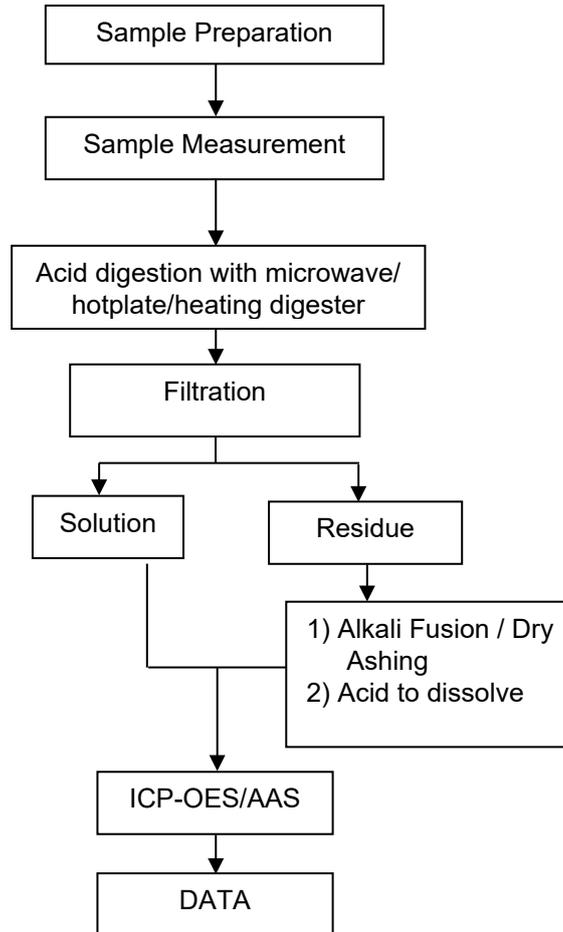
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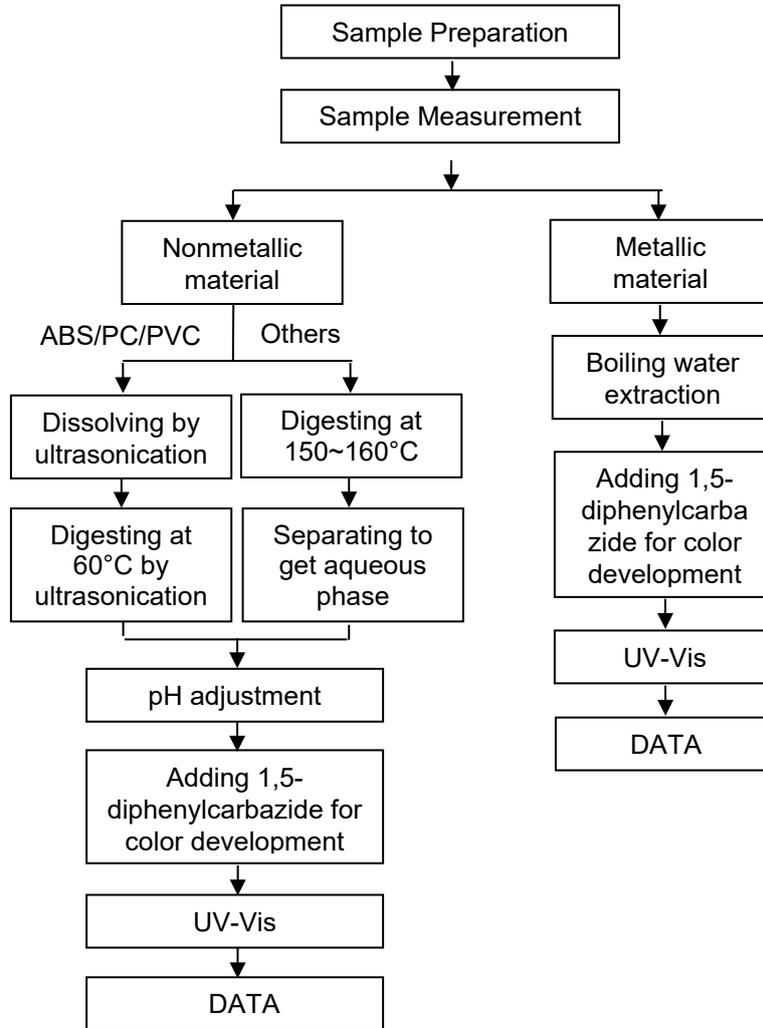
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Elements Testing Flow Chart

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

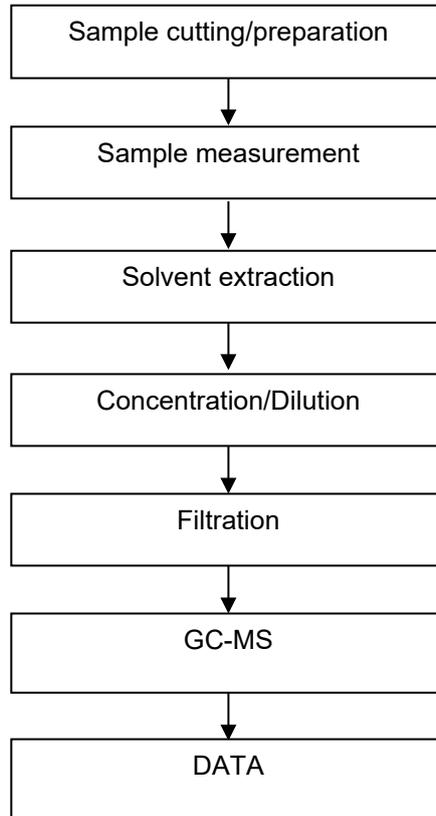


Hexavalent Chromium (Cr(VI)) Testing Flow Chart



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



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Attachment:

.031" (0.8 mm)Pitch Wafer/housing/.039" (1.0 mm)Pitch Wafer/housing/.047" (1.2 mm) Pitch Wafer/housing/.049" (1.25 mm) Pitch Wafer/housing/.050" (1.27 mm) Pitch Wafer/housing/.059" (1.50 mm) Pitch Wafer/housing/.070" (1.8 mm) Pitch Wafer/housing/.079" (2.00 mm) Pitch Wafer/housing/.085 (2.16mm) Pitch Wafer/housing/.087" (2.20 mm) Pitch Wafer/housing/.098" (2.50 mm) Pitch Wafer/housing/.100" (2.54 mm) Pitch Wafer/housing/.118" (3.00 mm) Pitch Wafer/housing/.138" (3.50 mm) Pitch Wafer/housing/0.15"(3.81mm)Pitch Wafer/housing/.156" (3.96 mm) Pitch Wafer/housing/.157" (4.00 mm) Pitch Wafer/housing/.162" (4.14 mm) Pitch Wafer/housing/.165"(4.19mm)PitchWafer/Housing/.165" (4.20 mm) Pitch Wafer/housing/.175"(4.45mm)Pitch Wafer/housing/.197" (5.00 mm) Pitch Wafer/housing/.200" (5.08 mm) Pitch Wafer/housing/.222" (5.64mm)Pitch Wafer/Housing/.224" (5.70 mm) Pitch Wafer/housing/.236" (6.00mm)Pitch Wafer/Housing/.240" (6.10 mm)Pitch Wafer/housing/.246" (6.20 mm) Pitch Wafer/housing/.250" (6.35 mm) Pitch Wafer/housing/.263" (6.70 mm) Pitch Wafer/housing/.300" (7.50 mm) Pitch Wafer/housing/.350" (8.90 mm) Pitch Wafer/housing/.394" (10.0 mm) Pitch Wafer/housing/.490"(12.50mm)Pitch Wafer/Housing/.670"(17.00mm)Pitch Wafer/Housing/.031" (0.80 mm)Pitch Female header/.039" (1.00 mm)Pitch Female header/.005" (1.27mm) Pitch Female header/.079" (2.00mm)Pitch Female header/.100" (2.54mm)Pitch Female header/.156" (3.96mm)Pitch Female header/.031" (0.80mm)Pitch Pin header/.039" (1.00mm) Pitch Pin header/.049" (1.25mm) Pitch Pin header/.005" (1.27mm) Pitch Pin header/.059" (1.50mm) pitch pin header/.070" (1.80mm)Pitch Pin Header/.079" (2.00mm) pitch Pin header/.869" (2.20mm) pitch Pin header/.098" (2.50mm) Pitch Pin header/.100" (2.54 mm)Pitch Pin header/.137" (3.50mm) Pitch Pin header/.156" (3.96mm) Pitch Pin header/.165" (4.2mm) Pitch Pin header/.200" (5.08mm)Pitch Pin header/Press-Fit connectors/Customized/.039" (1.00mm) Pitch Box Header/.050" (1.27mm)Pitch Box Header/.079" (2.00mm)Pitch Box Header/.100" (2.54mm)Pitch Box Header/.050" (1.27mm)Pitch Male IDC/DIP Type/.079" (2.00mm)Pitch Male IDC/DIP Type/.100" (2.54mm)Pitch Male IDC/DIP Type/.156" (3.96mm) Pitch Male IDC/DIP Type/.012" (0.30mm)Pitch FFC/FPC/.020" (0.50mm)Pitch FFC/FPC/.031" (0.80mm)Pitch FFC/FPC/.039" (1.00mm)Pitch FFC/FPC/.049" (1.25mm)Pitch FFC/FPC/.100" (2.54mm)Pitch FFC/FPC/.050" (1.27mm)Pitch FFC/FPC/.D-SUB High Current/USB2.0/USB3.0/Mini USB/Micro USB/Type-c/SMC/MicroBridge/Mini Bridge//iBridge Ultra/MaxiBridge/Medical Connector/Waterproof Connector/Fakra/HSD/RASTER 5.0MM//Power Module/High Speed Connector/Hard Metric connector/Heavy-duty Connector/High Voltage Connector/DIN 41612 Power/POGO Pin/AVX/PCI EXPRESS/Board To Board 0.4MM/Board To Board 0.8MM/Floating board to board/Mini Jumper/Battery connector/DC Jack/PLCC/IC Sockets/SCSI/SATA/Terminal /erminal Blocks/Telephone/Modular Jack/Phone Jack/HDMI/DIN 41612 Power/SIP Sockets and Adapters/Sim Card/Sensor/Wiring+Harness/FFCCable/Fakra/HSD Cable/Cable Assembly/Machinery Equipment 0801/'0802/'0803/'0804/'0805/'0806/1001/1002/1003/1004/1005/1006/1007/1008/1009/10003/10022/10023/10024/10025/10026/10027/10028/10029/1200/1250/1251/1252/1253/1254/1255/1256/1257/1258/1259/12510/12500/12501/12502/12503/12504/12505/12506/12507/12508/12509/125010/125011/125012/125013/125014/125015/125016/125017/125018/125019/125020/125021/12522/12580/1500/1501/1502/1503/1504/1505/1506/1507/1508/1509/1510/15000/15001/15002/15003/15004/15005/15006/15007/15008/15009/1800/1801/1802/1803/1804/1805/1806/1807/1808/1809/1810/18001/18002/18003/18004/18005/18006/18007/18009/18010/18011/18012/2000/2001/2002/2003/2004/2005/2006/2007/2008/2009/2010/2011/2012/2013/2014/2015/2016/2017/2018/2019/2020/2021/2022/2023/2024/2025/2026/2027/2028/2029/2030/2051/2062/20001/20002/20003/20004/20005/20006/20007/20008/20009/20010/20011/20012/20013/20014/20015/20016/20017/20018/20019/20020/20021/20022/20042/20062/20150/20170/20180/20190/20200/20220/20230/20240/20250/20260/20270/20280/20290/2200/2201/2202/2203/2204/2205/2206/2207/2208/2209/2210/22002/22003/22004/22005/22010/22011/22012/22013/22014/22300/2501/2502/2503/2504/2505/2506/2507/2508/2509/2510/2511/2512/2513/2514/2515/2516/2517/2518/2519/2520/2581/25000/25001/25002/25003/25004/25005/25006/25007/25008/25009/25010/25011/25012/25013/25014/25015/25016/25017/25018/25019/25020/25080/25083/25120/25140/25150/25170/25180/25190/25200/25370/2540/2541/2542/2543/2544/2545/2546/2547/2548/2549/25401/25402/25403/25404/25405/25406/25407/25408/25409/25410/25411/25412/25413/25414/25415/25416/25417/25418/25419/25420/25421/25422/



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