# Test Report

| | | |
|---|---|---|
| Client | : | SHENZHEN HIMAX ELECTRONICS CO., LTD |
| Address | : | Floor 501, Building B, Nantong Avenue No.5, Tongle Community, Baolong Street, Longgang, Shenzhen, China |

**The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client**

| | | |
|---|---|---|
| Sample Name | : | Battery+USB/ RS485 Cable |
| Model/P.O. No. | : | S0304/ S0345 |
| Manufacturer | : | SHENZHEN HIMAX ELECTRONICS CO., LTD |
| Received Date | : | May 28, 2026 |
| Test Period | : | May 28, 2026~Jun 09, 2026 |
| Test Requested | : | REACH regulation (EC) No. 1907/2006 Annex XVII |

For Further Details, Please Refer To the Following Page(s)

**Approved by:**

**Date:** Jun 16, 2026

SHENZHEN TIANSU CALIBRATION AND TESTING CO., LTD
Inspection & Testing Services

**ShenZhen Tiansu Calibration and Testing Co., Ltd**
Add: Building 1/4, No.2, Jinlong Road, Longgang District, Shenzhen, Guangdong, China. Post Code: 518116
Tel: 0755-89457984 Website: www.tiansu.org
E-mail: tsjc@tiansu.org

| **Test Result Summary :** | |
|---|---|
| **Test Specification** | **Conclusion** |
| 1 Organotin compounds content according to REACH Regulation (EC) No. 1907/2006 Annex XVII entry 20 | PASS |
| 2 Total cadmium content accordance to REACH regulation (EC) No.1907/2006 Annex XVII entry 23 | PASS |
| 3 Octabromodiphenylether (OctaBDE) content according to REACH regulation (EC) No. 1907/2006 Annex XVII entry 45 | PASS |
| 4 Polycyclic Aromatic Hydrocarbons (PAHs) Content according to REACH regulation (EC) No.1907/2006 Annex XVII entry 50 | PASS |
| 5 Phthalates content according to REACH regulation (EC) No.1907/2006 Annex XVII entry 51 | PASS |
| 6 Total Lead Content according to REACH regulation (EC) No.1907/2006 Annex XVII entry 63 | PASS |
| 7 Selected Perfluorinated carboxylic acids (C9-C14 PFCAs) and related substances according to REACH regulation (EC) No. 1907/2006 Annex XVII entry 68 | PASS |

**Test Result(s)**

**1 Organotin compounds content according to REACH Regulation (EC) No. 1907/2006 Annex VII entry 20**

Test method:

1)With reference to US EPA 3052:1996 & US EPA6010D:2018, analysis was performed by Inductively Coupled Plasma Emission Spectrometer(ICP-OES)

2) With reference to ISO 17353:2004, analysis was performed by GC - MS.

| Test Item(s) | MDL (%) | Result(s) (%) | | | | Limit (%) |
|---|---|---|---|---|---|---|
| | | G1 | G2 | G4 | G5 | |
| TBT(Tributyltin) by weight of tin | 0.01 | N.D. | N.D. | N.D. | N.D. | -- |
| TPT(Triphenyltin) by weight of tin | 0.01 | N.D. | N.D. | N.D. | N.D. | -- |
| TOT(Trioctyltin) by weight of tin | 0.01 | N.D. | N.D. | N.D. | N.D. | -- |
| TCyT(Tricyclohexyltin) by weight of tin | 0.01 | N.D. | N.D. | N.D. | N.D. | -- |
| TPrT(Tripropyltin) by weight of tin | 0.01 | N.D. | N.D. | N.D. | N.D. | -- |
| Sum of Tin of tri-substituted organotins | -- | N.D. | N.D. | N.D. | N.D. | 0.1 |
| DBT(Dibutyltin) by weight of tin | 0.01 | N.D. | N.D. | N.D. | N.D. | 0.1 |
| DOT(Dioctyltin) by weight of tin | 0.01 | N.D. | N.D. | N.D. | N.D. | 0.1 |

| Test Item(s) | MDL (%) | Result(s) (%) | | | | Limit (%) |
|---|---|---|---|---|---|---|
| | | G6 | G8 | G9 | G11 | |
| TBT(Tributyltin) by weight of tin | 0.01 | N.D. | N.D. | N.D. | N.D. | -- |
| TPT(Triphenyltin) by weight of tin | 0.01 | N.D. | N.D. | N.D. | N.D. | -- |
| TOT(Trioctyltin) by weight of tin | 0.01 | N.D. | N.D. | N.D. | N.D. | -- |
| TCyT(Tricyclohexyltin) by weight of tin | 0.01 | N.D. | N.D. | N.D. | N.D. | -- |
| TPrT(Tripropyltin) by weight of tin | 0.01 | N.D. | N.D. | N.D. | N.D. | -- |
| Sum of Tin of tri-substituted organotins | -- | N.D. | N.D. | N.D. | N.D. | 0.1 |
| DBT(Dibutyltin) by weight of tin | 0.01 | N.D. | N.D. | N.D. | N.D. | 0.1 |
| DOT(Dioctyltin) by weight of tin | 0.01 | N.D. | N.D. | N.D. | N.D. | 0.1 |

| Test Item(s) | MDL (%) | Result(s) (%) | | | | Limit (%) |
|---|---|---|---|---|---|---|
| | | G12 | G13 | G15 | G16 | |
| TBT(Tributyltin) by weight of tin | 0.01 | N.D. | N.D. | N.D. | N.D. | -- |
| TPT(Triphenyltin) by weight of tin | 0.01 | N.D. | N.D. | N.D. | N.D. | -- |
| TOT(Trioctyltin) by weight of tin | 0.01 | N.D. | N.D. | N.D. | N.D. | -- |
| TCyT(Tricyclohexyltin) by weight of tin | 0.01 | N.D. | N.D. | N.D. | N.D. | -- |
| TPrT(Tripropyltin) by weight of tin | 0.01 | N.D. | N.D. | N.D. | N.D. | -- |
| Sum of Tin of tri-substituted organotins | -- | N.D. | N.D. | N.D. | N.D. | 0.1 |
| DBT(Dibutyltin) by weight of tin | 0.01 | N.D. | N.D. | N.D. | N.D. | 0.1 |
| DOT(Dioctyltin) by weight of tin | 0.01 | N.D. | N.D. | N.D. | N.D. | 0.1 |

| Test Item(s) | MDL (%) | Result(s) (%) | | | | Limit (%) |
|---|---|---|---|---|---|---|
| | | G17 | G18 | G20 | G22 | |
| TBT(Tributyltin) by weight of tin | 0.01 | N.D. | N.D. | N.D. | N.D. | -- |
| TPT(Triphenyltin) by weight of tin | 0.01 | N.D. | N.D. | N.D. | N.D. | -- |
| TOT(Trioctyltin) by weight of tin | 0.01 | N.D. | N.D. | N.D. | N.D. | -- |
| TCyT(Tricyclohexyltin) by weight of tin | 0.01 | N.D. | N.D. | N.D. | N.D. | -- |
| TPrT(Tripropyltin) by weight of tin | 0.01 | N.D. | N.D. | N.D. | N.D. | -- |
| Sum of Tin of tri-substituted organotins | -- | N.D. | N.D. | N.D. | N.D. | 0.1 |
| DBT(Dibutyltin) by weight of tin | 0.01 | N.D. | N.D. | N.D. | N.D. | 0.1 |
| DOT(Dioctyltin) by weight of tin | 0.01 | N.D. | N.D. | N.D. | N.D. | 0.1 |

Note:

- % = percentage
- N.D.=Not Detected (<MDL); MDL=method detection limit
- Single components with an amount of <0.01% were not considered in the calculation of the sum. In the case of all five tri-substituted orgaotins were not detected, the result is stated N.D.
- The assessment for tri-substituted organotins is based on the sum of TBT, TPT, TOT, TCyT and TPrT by weight of tin only.

**2 Total cadmium content accordance to REACH regulation (EC) No.1907/2006 Annex XVII entry 23**

Test method: With reference to IEC 62321-5:2013, analysis was performed by ICP-OES.

| Test Item(s) | MDL (mg/kg) | Result(s) (mg/kg) | | | | Limit (mg/kg) |
|---|---|---|---|---|---|---|
| | | G1 | G2 | G3 | G4 | |
| Cadmium(Cd) | 5 | N.D. | N.D. | N.D. | N.D. | 100 |

| Test Item(s) | MDL (mg/kg) | Result(s) (mg/kg) | | | | Limit (mg/kg) |
|---|---|---|---|---|---|---|
| | | G5 | G6 | G7 | G8 | |
| Cadmium(Cd) | 5 | N.D. | N.D. | N.D. | N.D. | 100 |

| Test Item(s) | MDL (mg/kg) | Result(s) (mg/kg) | | | | Limit (mg/kg) |
|---|---|---|---|---|---|---|
| | | G9 | G10 | G11 | G12 | |
| Cadmium(Cd) | 5 | N.D. | N.D. | N.D. | N.D. | 100 |

| Test Item(s) | MDL (mg/kg) | Result(s) (mg/kg) | | | | | Limit (mg/kg) |
|---|---|---|---|---|---|---|---|
| | | G13 | G14 | G15 | G16 | G17 | |
| Cadmium(Cd) | 5 | N.D. | N.D. | N.D. | N.D. | N.D. | 100 |

| Test Item(s) | MDL (mg/kg) | Result(s) (mg/kg) | | | | | Limit (mg/kg) |
|---|---|---|---|---|---|---|---|
| | | G18 | G19 | G20 | G21 | G22 | |
| Cadmium(Cd) | 5 | N.D. | N.D. | N.D. | N.D. | N.D. | 100 |

Note:

- mg/kg=ppm=parts per million;
- N.D.=Not Detected (<MDL); MDL=method detection limit

**3 Octabromodiphenylether (OctaBDE) content according to REACH regulation (EC) No. 1907/2006 Annex XVII entry 45**

Test method: With reference to IEC 62321-6:2015, analysis was performed by GC-MS.

| Test Item(s) | MDL (mg/kg) | Result(s) (mg/kg) | | | | Limit (mg/kg) |
|---|---|---|---|---|---|---|
| | | G1 | G2 | G4 | G5 | |
| Octabromodiphenylether (OctaBDE) | 5 | N.D. | N.D. | N.D. | N.D. | 1000 |

| Test Item(s) | MDL (mg/kg) | Result(s) (mg/kg) | | | | Limit (mg/kg) |
|---|---|---|---|---|---|---|
| | | G6 | G8 | G9 | G11 | |
| Octabromodiphenylether (OctaBDE) | 5 | N.D. | N.D. | N.D. | N.D. | 1000 |

| Test Item(s) | MDL (mg/kg) | Result(s) (mg/kg) | | | | Limit (mg/kg) |
|---|---|---|---|---|---|---|
| | | G12 | G13 | G15 | G16 | |
| Octabromodiphenylether (OctaBDE) | 5 | N.D. | N.D. | N.D. | N.D. | 1000 |

| Test Item(s) | MDL (mg/kg) | Result(s) (mg/kg) | | | | Limit (mg/kg) |
|---|---|---|---|---|---|---|
| | | G17 | G18 | G20 | G22 | |
| Octabromodiphenylether (OctaBDE) | 5 | N.D. | N.D. | N.D. | N.D. | 1000 |

Note:

- mg/kg=ppm=parts per million;
- N.D.=Not Detected (<MDL); MDL=method detection limit

**4 Polycyclic Aromatic Hydrocarbons (PAHs) Content according to REACH regulation (EC) No.1907/2006 Annex XVII entry 50**

Test Method: With reference to AfPS GS 2019:01 PAK, analysis was performed by GC-MS.

| Test Item(s) | CAS No. | MDL (mg/kg) | Result(s) (mg/kg) | | | | | Limit (mg/kg) |
|---|---|---|---|---|---|---|---|---|
| | | | G1 | G2 | G4 | G5 | G6 | |
| Benzo(a)pyrene(BaP) | 50-32-8 | 0.1 | N.D. | N.D. | N.D. | N.D. | N.D. | 1 |
| Benzo(e)pyren(BeP) | 192-97-2 | 0.1 | N.D. | N.D. | N.D. | N.D. | N.D. | 1 |
| Benzo(a)anthracene(BaA) | 56-55-3 | 0.1 | N.D. | N.D. | N.D. | N.D. | N.D. | 1 |
| Chrysene(CHR) | 218-01-9 | 0.1 | N.D. | N.D. | N.D. | N.D. | N.D. | 1 |
| Benzo(b)fluoranthene(BbF) | 205-99-2 | 0.1 | N.D. | N.D. | N.D. | N.D. | N.D. | 1 |
| Benzo(j)fluoranthen(BjFA) | 205-82-3 | 0.1 | N.D. | N.D. | N.D. | N.D. | N.D. | 1 |
| Benzo(k)fluoranthene(BkF) | 207-08-9 | 0.1 | N.D. | N.D. | N.D. | N.D. | N.D. | 1 |
| Dibenzo(a,h)anthracene(DBA) | 53-70-3 | 0.1 | N.D. | N.D. | N.D. | N.D. | N.D. | 1 |

Note:

- mg/kg=ppm=parts per million;
- N.D.=Not Detected (<MDL); MDL=method detection limit

**5 Phthalates content according to REACH regulation (EC) No.1907/2006 Annex XVII entry 51**

Test Method: With reference to IEC 62321-8:2017, analysis was performed by GC-MS.

| Test Item(s) | CAS No. | MDL (mg/kg) | Result(s) (mg/kg) | | | | Limit (mg/kg) |
|---|---|---|---|---|---|---|---|
| | | | G1 | G2 | G4 | G5 | |
| Diethylhexyl phthalate (DEHP) | 117-81- 7 | 30 | N.D. | N.D. | N.D. | N.D. | 1000 |
| Dibutyl phthalate (DBP) | 84-74-2 | 30 | N.D. | N.D. | N.D. | N.D. | 1000 |
| Benzylbutyl phthalate (BBP) | 85-68-7 | 30 | N.D. | N.D. | N.D. | N.D. | 1000 |
| Diisobutyl phthalate (DIBP) | 84-69-5 | 30 | N.D. | N.D. | N.D. | N.D. | 1000 |
| Sum (DEHP+DBP+BBP+DIBP) | -- | -- | N.D. | N.D. | N.D. | N.D. | 1000 |

| Test Item(s) | CAS No. | MDL (mg/kg) | Result(s) (mg/kg) | | | | Limit (mg/kg) |
|---|---|---|---|---|---|---|---|
| | | | G6 | G8 | G9 | G11 | |
| Diethylhexyl phthalate (DEHP) | 117-81- 7 | 30 | N.D. | N.D. | N.D. | N.D. | 1000 |
| Dibutyl phthalate (DBP) | 84-74-2 | 30 | N.D. | N.D. | N.D. | N.D. | 1000 |
| Benzylbutyl phthalate (BBP) | 85-68-7 | 30 | N.D. | N.D. | N.D. | N.D. | 1000 |
| Diisobutyl phthalate (DIBP) | 84-69-5 | 30 | N.D. | N.D. | N.D. | N.D. | 1000 |
| Sum (DEHP+DBP+BBP+DIBP) | -- | -- | N.D. | N.D. | N.D. | N.D. | 1000 |

| Test Item(s) | CAS No. | MDL (mg/kg) | Result(s) (mg/kg) | | | | Limit (mg/kg) |
|---|---|---|---|---|---|---|---|
| | | | G12 | G13 | G15 | G16 | |
| Diethylhexyl phthalate (DEHP) | 117-81- 7 | 30 | N.D. | N.D. | N.D. | N.D. | 1000 |
| Dibutyl phthalate (DBP) | 84-74-2 | 30 | N.D. | N.D. | N.D. | N.D. | 1000 |
| Benzylbutyl phthalate (BBP) | 85-68-7 | 30 | N.D. | N.D. | N.D. | N.D. | 1000 |
| Diisobutyl phthalate (DIBP) | 84-69-5 | 30 | N.D. | N.D. | N.D. | N.D. | 1000 |
| Sum (DEHP+DBP+BBP+DIBP) | -- | -- | N.D. | N.D. | N.D. | N.D. | 1000 |

| Test Item(s) | CAS No. | MDL (mg/kg) | Result(s) (mg/kg) | | | | Limit (mg/kg) |
|---|---|---|---|---|---|---|---|
| | | | G17 | G18 | G20 | G22 | |
| Diethylhexyl phthalate (DEHP) | 117-81- 7 | 30 | N.D. | N.D. | N.D. | N.D. | 1000 |
| Dibutyl phthalate (DBP) | 84-74-2 | 30 | N.D. | N.D. | N.D. | N.D. | 1000 |
| Benzylbutyl phthalate (BBP) | 85-68-7 | 30 | N.D. | N.D. | N.D. | N.D. | 1000 |
| Diisobutyl phthalate (DIBP) | 84-69-5 | 30 | N.D. | N.D. | N.D. | N.D. | 1000 |
| Sum (DEHP+DBP+BBP+DIBP) | -- | -- | N.D. | N.D. | N.D. | N.D. | 1000 |

Note:

- mg/kg=ppm=parts per million;
- N.D.=Not Detected (<MDL); MDL=method detection limit

**6 Total Lead Content according to REACH regulation (EC) No.1907/2006 Annex XVII entry 63**

Test method: With reference to IEC 62321-5:2013, analysis was performed by ICP-OES.

| Test Item(s) | MDL (mg/kg) | Result(s) (mg/kg) | | | Limit (mg/kg) |
|---|---|---|---|---|---|
| | | G1 | G2 | G3 | |
| Lead(Pb) | 5 | N.D. | N.D. | N.D. | 500 |

| Test Item(s) | MDL (mg/kg) | Result(s) (mg/kg) | | | Limit (mg/kg) |
|---|---|---|---|---|---|
| | | G4 | G5 | G6 | |
| Lead(Pb) | 5 | N.D. | N.D. | N.D. | 500 |

Note:

- mg/kg=ppm=parts per million;
- N.D.=Not Detected (<MDL); MDL=method detection limit

**7 Selected Perfluorinated carboxylic acids (C9-C14 PFCAs) and related substances according to REACH regulation (EC) No. 1907/2006 Annex XVII entry 68**

Test method: In house method, analysis was performed by LC-MS/MS.

| Test Item(s) | MDL (mg/kg) | Result(s) (mg/kg) | | | | Limit (mg/kg) |
|---|---|---|---|---|---|---|
| | | G1 | G2 | G4 | G5 | |
| Perfluorocarboxylic acids containing 9 to 14 carbon atoms in the chain (C9-C14 PFCAs) and their salts#1 | -- | N.D. | N.D. | N.D. | N.D. | 0.025 |
| C9-C14 PFCA-related substances #2 | -- | N.D. | N.D. | N.D. | N.D. | 0.260 |

| Test Item(s) | MDL (mg/kg) | Result(s) (mg/kg) | | | | Limit (mg/kg) |
|---|---|---|---|---|---|---|
| | | G6 | G8 | G9 | G11 | |
| Perfluorocarboxylic acids containing 9 to 14 carbon atoms in the chain (C9-C14 PFCAs) and their salts#1 | -- | N.D. | N.D. | N.D. | N.D. | 0.025 |
| C9-C14 PFCA-related substances #2 | -- | N.D. | N.D. | N.D. | N.D. | 0.260 |

| Test Item(s) | MDL (mg/kg) | Result(s) (mg/kg) | | | | Limit (mg/kg) |
|---|---|---|---|---|---|---|
| | | G12 | G13 | G15 | G16 | |
| Perfluorocarboxylic acids containing 9 to 14 carbon atoms in the chain (C9-C14 PFCAs) and their salts#1 | -- | N.D. | N.D. | N.D. | N.D. | 0.025 |
| C9-C14 PFCA-related substances #2 | -- | N.D. | N.D. | N.D. | N.D. | 0.260 |

| Test Item(s) | MDL (mg/kg) | Result(s) (mg/kg) | | | | Limit (mg/kg) |
|---|---|---|---|---|---|---|
| | | G17 | G18 | G20 | G22 | |
| Perfluorocarboxylic acids containing 9 to 14 carbon atoms in the chain (C9-C14 PFCAs) and their salts#1 | -- | N.D. | N.D. | N.D. | N.D. | 0.025 |
| C9-C14 PFCA-related substances #2 | -- | N.D. | N.D. | N.D. | N.D. | 0.260 |

Note:

- mg/kg=ppm=parts per million;
- N.D.=Not Detected (<MDL); MDL=method detection limit

**Remark:**

***#1* List of C9-C14 PFCAs and their salts**

| Test Item(s) | CAS No. | MDL (mg/kg) |
|---|---|---|
| Perfluorononan-1-oic acid (PFNA) | 375-95-1 | 0.01 |
| Perfluorodecanoic acid (PFDA) | 335-76-2 | 0.01 |
| Perfluoroundecanoic acid (PFUnA) | 2058-94-8 | 0.01 |
| Perfluorododecanoic acid (PFDoA) | 307-55-1 | 0.01 |
| Perfluorotridecanoic acid (PFTrA) | 72629-94-8 | 0.01 |
| Perfluorotetradecanoic acid (PFTeA) | 376-06-7 | 0.01 |
| Perfluoro-3,7-dimethyloctanoic acid(PF-3,7-DMOA) | 172155-07- 6 | 0.01 |

**#2 List of C9-C14 PFCA-related substances**

| Test Item(s) | CAS No. | MDL (mg/kg) |
|---|---|---|
| 1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH) | 678-39-7 | 0.1 |
| 1H,1H,2H,2H-Perfluoro-1-dodecanol (10:2 FTOH) | 865-86-1 | 0.1 |
| Perfluorodecanesulfonate (PFDS) | 335-77-3 | 0.1 |
| 2H,2H,3H,3H-Perfluoroundecanoicacid (H4PFUnA) | 34598-33-9 | 0.1 |
| 1H,1H,2H,2H-Perfluorododecanesulfonicacid (10:2 FTS) | 120226-60-0 | 0.1 |
| 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTSA) | 39108-34-4 | 0.1 |
| 1H,1H,2H,2H-perfluorotetradecan-1-ol (12:2 FTOH) | 39239-77-5 | 0.1 |
| 1H,1H,2H,2H-Perfluorododecylacrylate (10:2 FTA) | 17741-60-5 | 0.1 |
| 1H, 1H, 2H, 2H-Perfluorodecyldichloromethylsilane (C8-PFSi) | 3102-79-2 | 0.1 |
| 8:2 Fluorotelomer olefin (8:2 FTO) | 21652-58-4 | 0.1 |
| 1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA) | 27905-45-9 | 0.1 |
| Perfluorooctylethyl Methacrylate (8:2 FTMAC) | 1996-88-9 | 0.1 |
| 1H,1H,2H,2H-Heptadecafluoro-1-iododecane (8:2-FTI) | 2043-53-0 | 0.1 |
| 2-(Perfluorodecyl)ethyl methacrylate (10:2 FTMA) | 2144-54-9 | 0.1 |
| 1H,1H,2H,2H-Perfluorododecyl iodide (10:2 FTI) | 2043-54-1 | 0.1 |
| 1H,1H,2H,2H-Perfluorotetradecyl iodide (12:2 FTI) | 30046-31-2 | 0.1 |

**Sample component description**

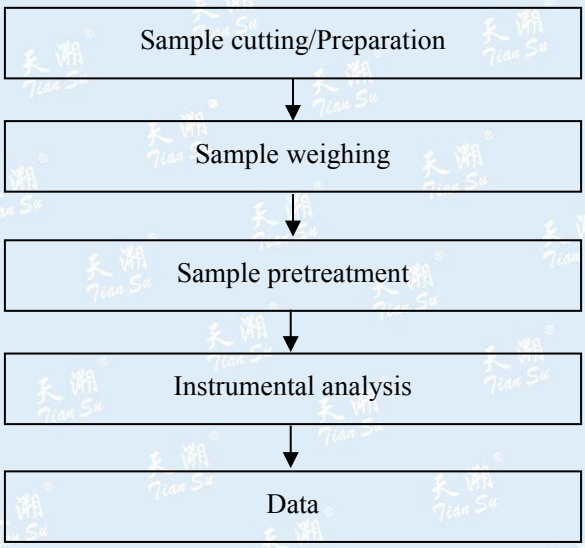
| NO. | Description | NO. | Description |
|---|---|---|---|
| 1 | Black plastic | 2 | Black plastic shell |
| 3 | Black plastic label | 4 | Silver plastic label |
| 5 | Black plastic | 6 | Black plastic |
| 7 | Gold metal | 8 | Black plastic |
| 9 | Grey plastic | 10 | Black plastic |
| 11 | Transparent plastic | 12 | Black plastic wire |
| 13 | Black plastic | 14 | Silver metal |
| 15 | White plastic | 16 | Yellow plastic |
| 17 | Grey plastic | 18 | Black plastic |
| 19 | Blue plastic | 20 | Rose-red plastic wire |
| 21 | Black plastic wire | 22 | Gold metal |

| | | | |
|---|---|---|---|
| 23 | Silver metal | 24 | Black latex |
| 25 | Black plastic cover | 26 | Blue plastic wire |
| 27 | Black plastic wire | 28 | Red plastic wire |
| 29 | Silver metal core | 30 | Beige plastic |
| 31 | Blue plastic wire | 32 | Black plastic wire |
| 33 | Silver metal | 34 | Red plastic wire |
| 35 | White plastic wire | 36 | Silver metal screw |
| 37 | Black plastic | 38 | Silver metal |
| 39 | Grey rubber mud | 40 | Grey metal inductor |
| 41 | Black plastic | 42 | White latex |
| 43 | MOS transistor | 44 | MOS tube base |
| 45 | Triode tube | 46 | IC |
| 47 | Patch resistance | 48 | Copper colored metal |
| 49 | Patch capacitance | 50 | Diode |
| 51 | Solder | 52 | PCB |
| 53 | Black sponge | 54 | Blue plastic |
| 55 | Green paper | 56 | Transparent plastic |
| 57 | Yellow plastic | 58 | Silver metal |
| 59 | White plastic | 60 | Red paper |
| 61 | Grey plastic | 62 | Blue plastic |
| 63 | Silver metal shell | 64 | Beige plastic circle |
| 65 | Silver metal cap | 66 | Silver white metal |
| 67 | Beige plastic circle | 68 | Green tape |
| 69 | White plastic diaphragm | 70 | Yellow tape |
| 71 | Green tape | 72 | Positive electrode lug |
| 73 | Aluminum foil | 74 | Positive electrode powder |
| 75 | Negative pole lug | 76 | Copper foil |
| 77 | Negative electrode powder | | |

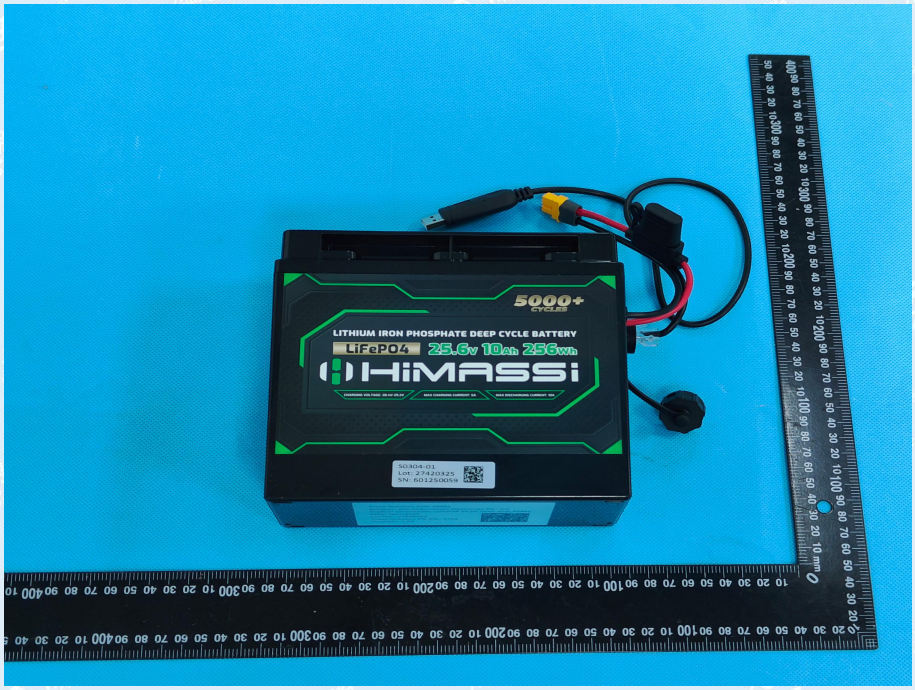
**Tested group**

| Tested group NO. | Sample component NO. |
|---|---|
| G1 | 1, 2, 3, 4 |
| G2 | 5, 6, 8, 9 |
| G3 | 7, 14 |
| G4 | 10, 11, 12 |
| G5 | 13, 15, 16, 17 |
| G6 | 18, 19, 20, 21 |
| G7 | 22, 23, 29 |
| G8 | 24, 25, 26, 27 |
| G9 | 28, 30, 31, 32 |
| G10 | 33, 36, 38, 40 |
| G11 | 34, 35, 37 |
| G12 | 39, 41, 42 |
| G13 | 43, 45, 46, 47 |
| G14 | 44, 48, 51, 58 |
| G15 | 49, 50, 52 |
| G16 | 53, 54, 55, 56 |
| G17 | 57, 59, 60 |
| G18 | 61, 62, 64, 67 |
| G19 | 63, 65, 66 |
| G20 | 68, 69, 70, 71 |
| G21 | 72, 73, 75, 76 |
| G22 | 74, 77 |

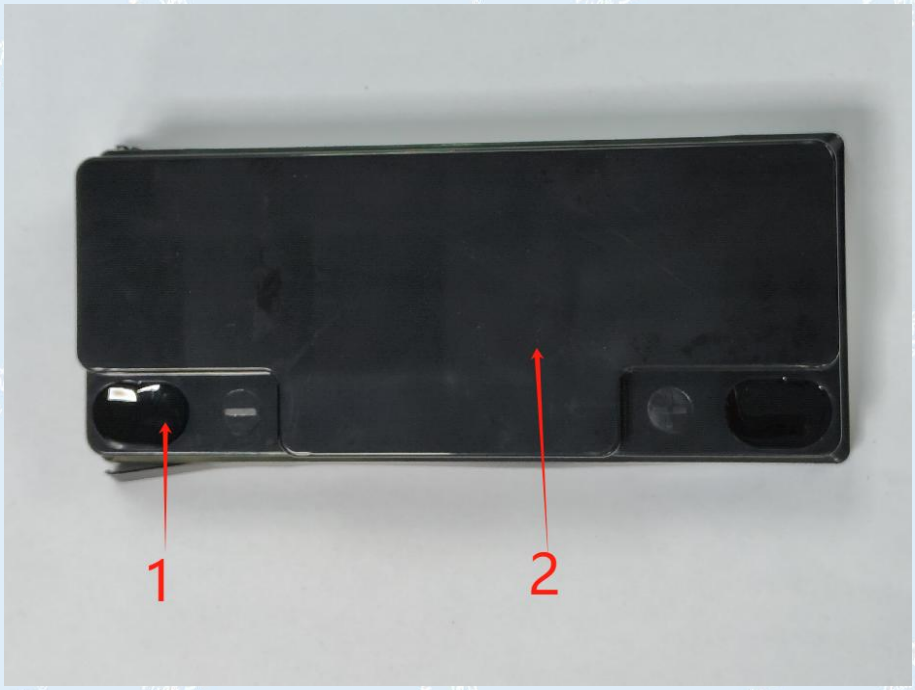
**Test Process**



# Photo of the sample




Sample

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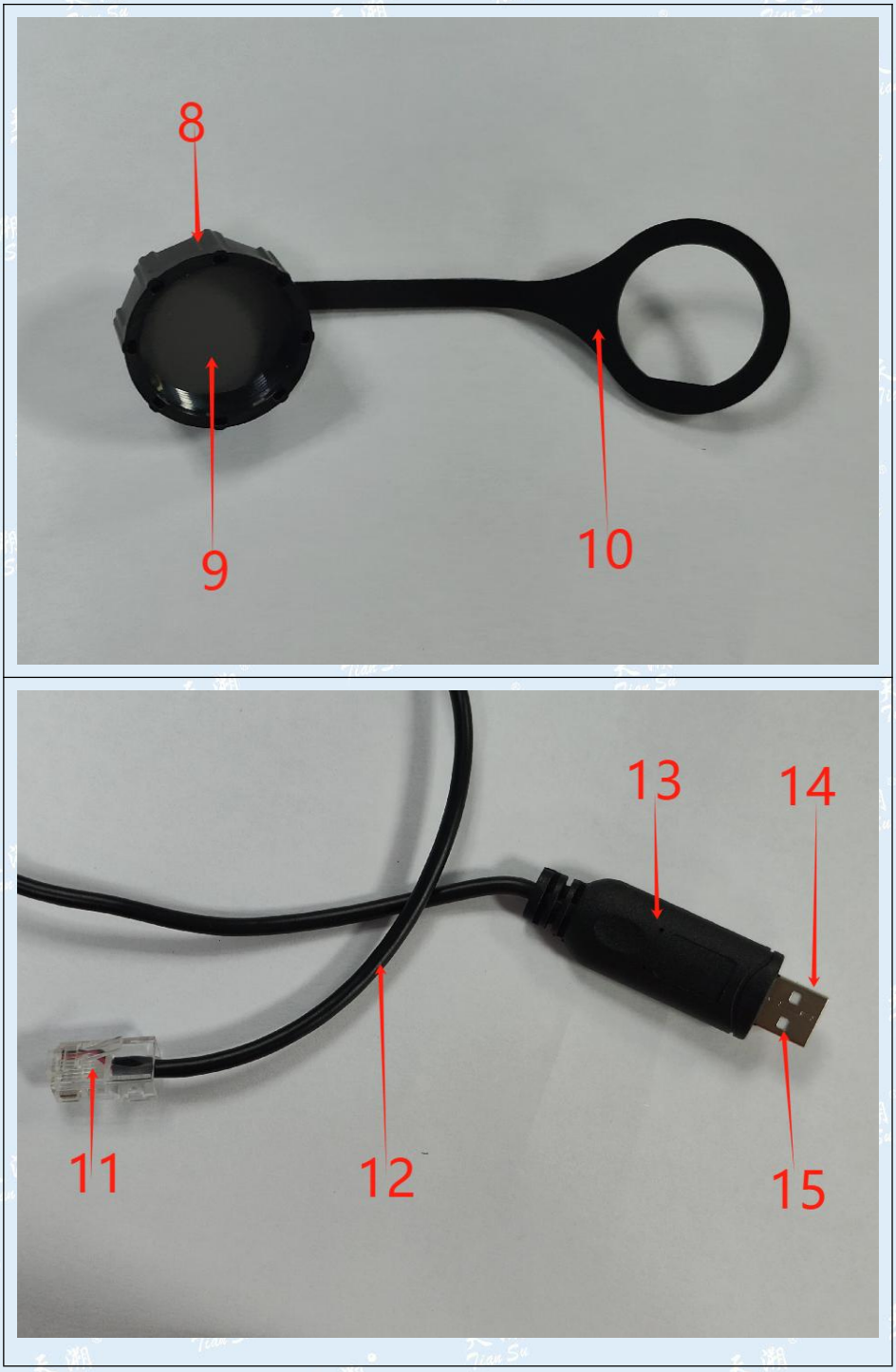
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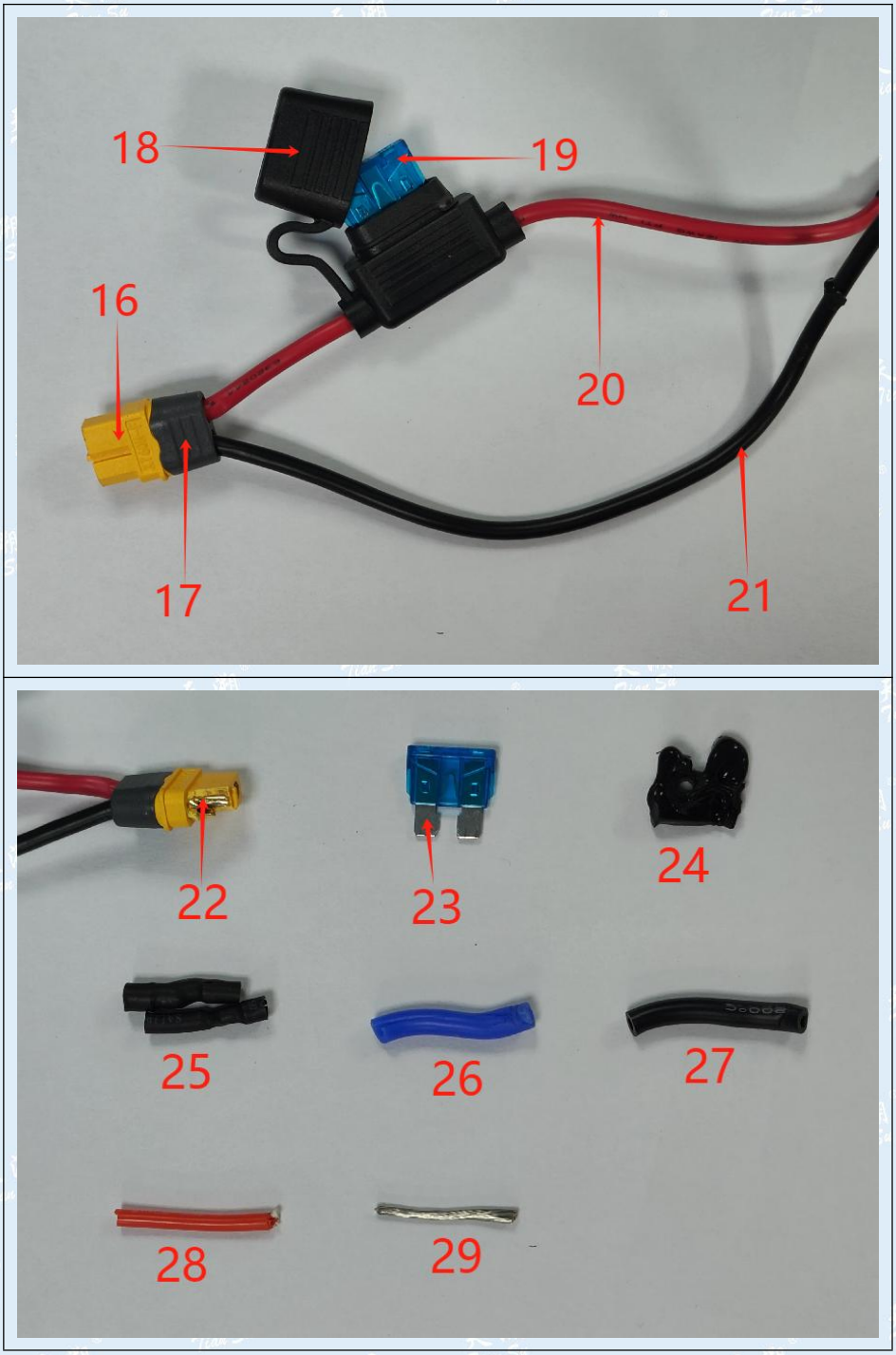
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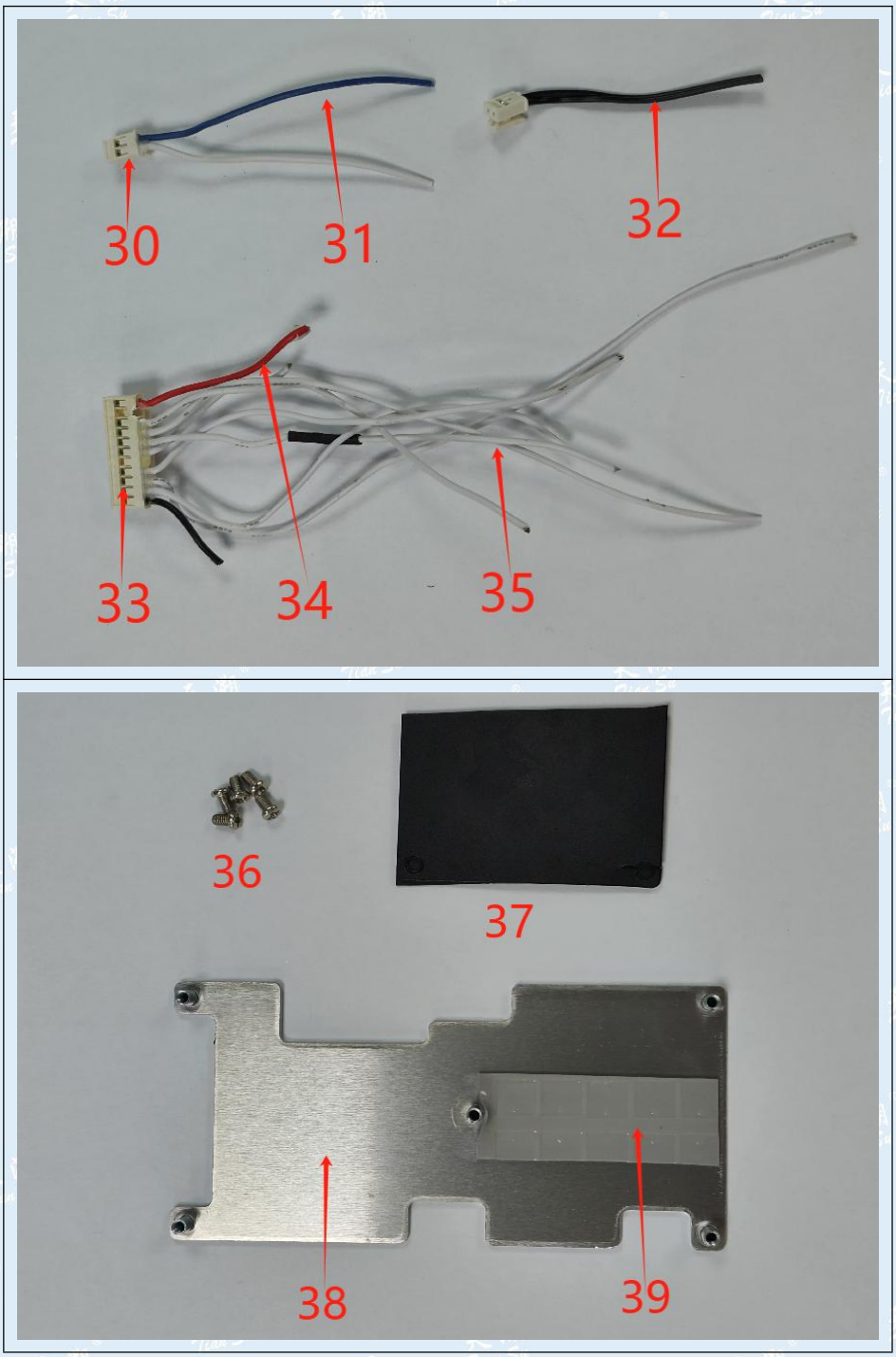
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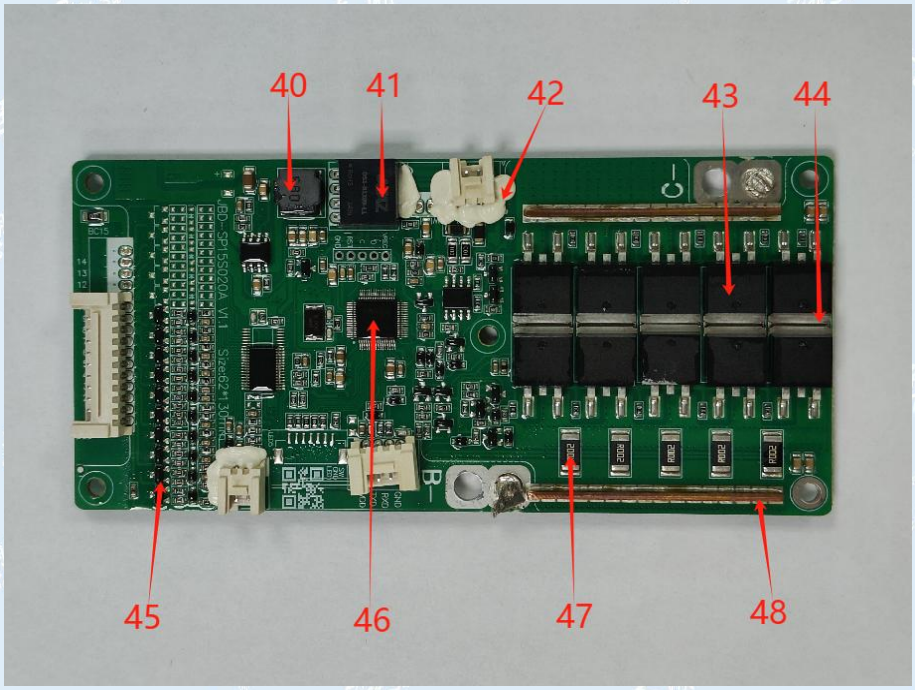
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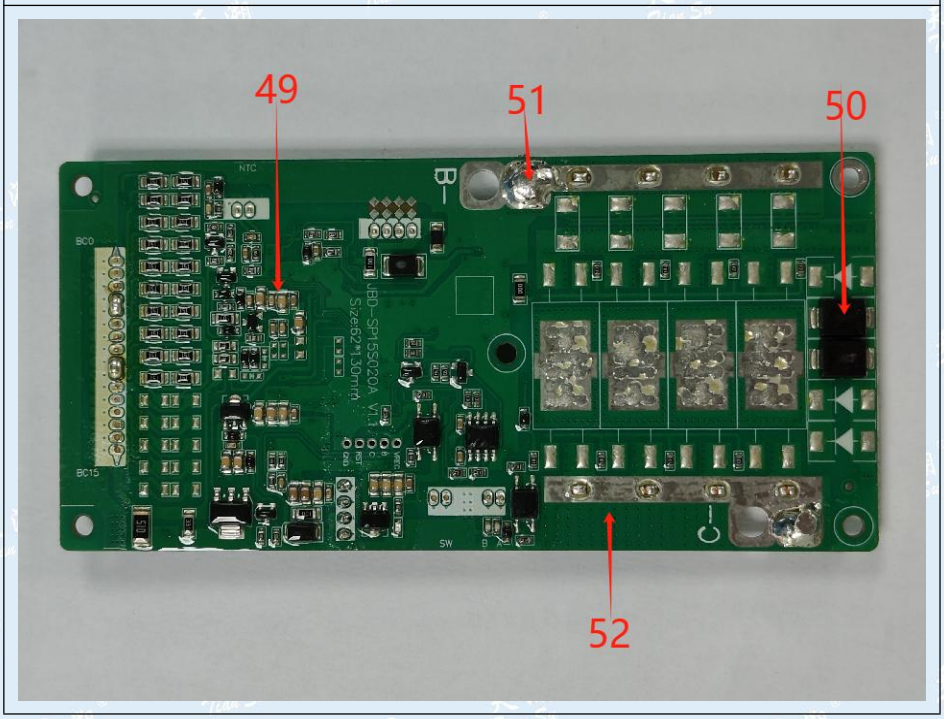
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********** End of report **********

This report is invalid without the Special Seal of Tiansu. This report shall not be altered, increased or deleted. The results shown in this report refer only to the sample(s) tested.