Test Report

No.: CANEC23015806813 **Date:** Dec 15, 2023

Client Name: TIANSHUI HUATIAN TECHNOLOGY CO.,LTD.

Client Address: NO.88, CHIYU ROAD, QINZHOU DISTRICT, TIANSHUI CITY, GANSU PROVINCE

Sample Name:	SOT236-PINLEAD PLAYING PART(PURE TIN PLATING PRODUCT) base material is copper Alloy
Client Ref. Information:	SOT023, SOT233, SOT235, SOT236, SOT333, SOT334, SOT335, SOT336, SOT089-3, SOT089-5, SOT223, TSOT236, TSOT235, TSOT238

The abaG[e4.22 641.86 Tm0 g0 G[ )]TJ/F1 9TJE)-38TJETqd , Innm

Signed for and on behalf of
SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

scan to

Jany Zhong
Approved Signatory

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Test Result(s):

Test Part Description

SN ID	Sample No.	SGS Sample ID	Description
SN1	A13	CAN23-0158068-0001.C013	Black body w/ silvery metal pin

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 (PBBs), Polybrominated diphenyl ethers (PBDEs), 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, UV-Vis and GC-MS.

Test Item(s)	Limit	Unit(s)	MDL	A13
Cadmium(Cd)	100	mg/kg	2	ND
Lead (Pb)	1000	mg/kg	2	ND
Mercury (Hg)	1000	mg/kg	2	ND
Hexavalent Chromium (Cr(VI))	1000	mg/kg	8	ND
Polybromobiphenyl (PBBs)	1000	mg/kg	-	ND
Monobromobiphenyl (MonoBB)	-	mg/kg	5	ND
Dibromobiphenyl (DiBB)	-	mg/kg	5	ND
Tribromobiphenyl (TriBB)	-	mg/kg	5	ND
Tetrabromobiphenyl (TetraBB)	-	mg/kg	5	ND
Pentabromobiphenyl (PentaBB)	-	mg/kg	5	ND
Hexabromobiphenyl (HexaBB)	[redacted]			

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Test Item(s)	Unit(s)	MDL	A13
Fluorine(F)	mg/kg	20	ND
Chlorine(Cl)	mg/kg	20	ND
Bromine(Br)	mg/kg	20	ND
Iodine(I)	mg/kg	20	ND

Phthalates

Test Method: With reference to EN 14372:2004, analysis was performed by GC-MS.

Test Item(s)	CAS No.	Unit(s)	MDL	A13
Diisononyl Phthalate (DINP)	28553-12-0 /68515-48-0	%	0.010	ND
Di-n-Octyl Phthalate(DNOP)	117-84-0	%	0.003	ND
Diisodecyl Phthalate (DIDP)	26761-40-0 /68515-49-1	%	0.010	ND
Dipentyl Phthalates (DnPP)	131-18-0	%	0.003	ND
Di-n-Hexyl Phthalate(DnHP)	84-75-3	%	0.003	

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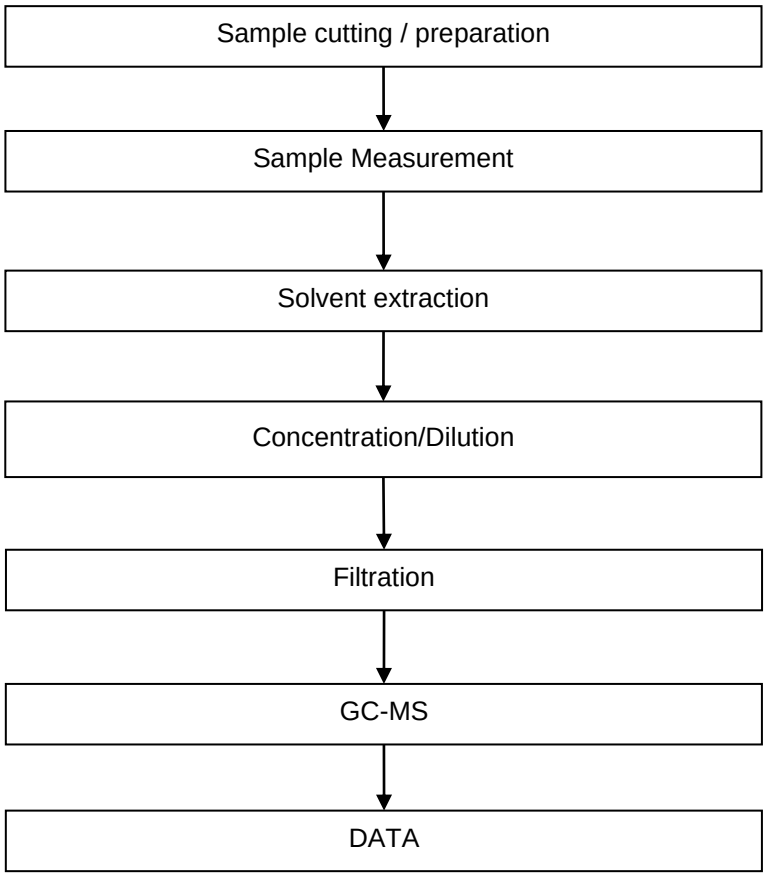
Phthalates Testing Flow Chart

1) Name of the person who made testing: Judy Chen
2) Name of the person in charge of testing: Qiong Liu



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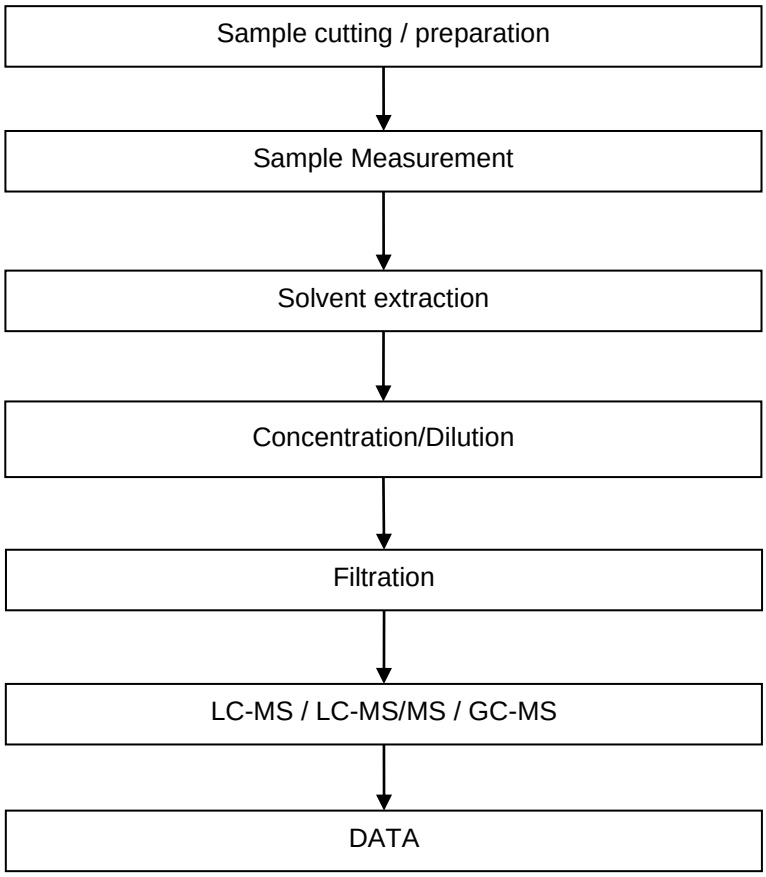
Attachment:

PFAS Testing Flow Chart

1) Name of the person who made testing: Olivia Li
2) Name of the person in charge of testing: Qiong Liu



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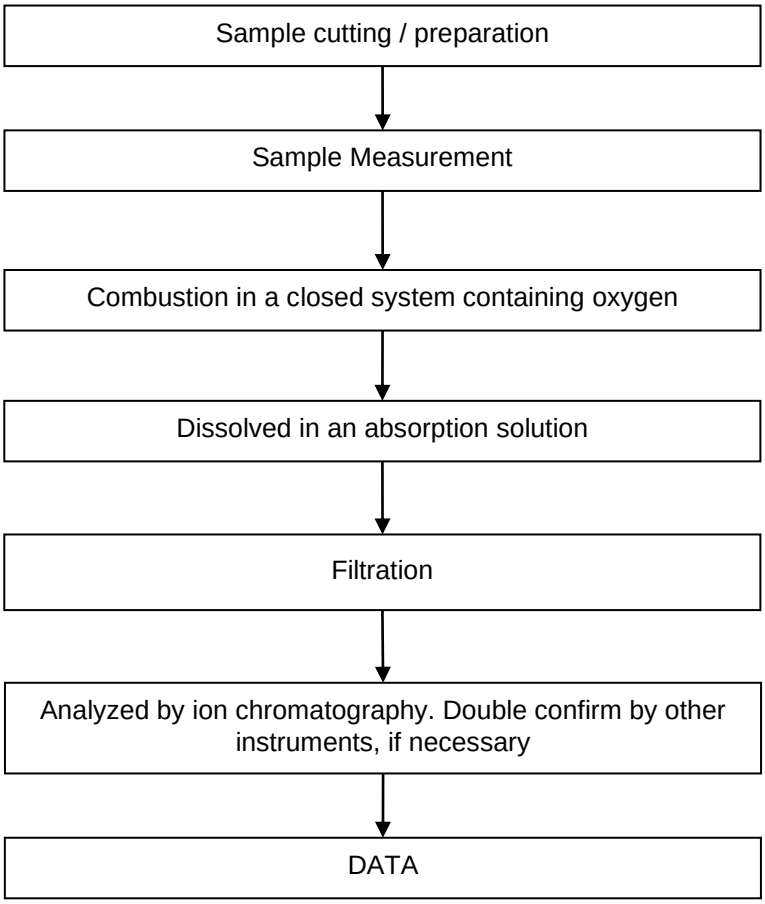
Attachment:

Halogen Testing Flow Chart

1) Name of the person who made testing: Allen Shi
2) Name of the person in charge of testing: Bella Wang



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