

検査報告書

No.: SHAEC26002700604

Date: Feb 02, 2026

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顧客名: 佐々木半田工業 株式会社
顧客住所: 〒143-0003 東京都大田区京浜島 2-20-3

サンプル名: 4N 錫
ロット No.: 4N
構成: 錫

上記のサンプルと情報は顧客によって提供された。

SGS 参照番号: SHP26-003359
試料受領日: Jan 27, 2026
試験期間: Jan 27, 2026 ~ Jan 30, 2026
試験項目: 顧客依頼による選択試験項目。
試験方法: 次頁を参照。
試験結果: 次頁を参照。

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.
代表者署名



Jenny Lan 蘭柳珍
承認署名者

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Chemical Laboratory

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中国・上海・徐汇区宜山路889号3号楼 邮编: 200233

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試験結果:

サンプルの記述:

番号	パーツ No.	SGS サンプル ID	状態
SN1	A2	SHA26-0027006-0001.C002	銀色金属

備考:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = 方法検出下限
- (3) ND = 未検出 (< MDL)
- (4) “-” = 未規制

RoHS 指令 2011/65/EU 付録 II 改正指令 (EU) 2015/863-鉛、水銀、カドミウム、六価クロム、ポリ臭化ビフェニル (PBB)、ポリ臭化ジフェニルエーテル (PBDE)、フタル酸ビス(2-エチルヘキシル)(DEHP)、フタル酸ブチルベンジル (BBP)、フタル酸ジブチル (DBP)とフタル酸ジイソブチル(DIBP)

試験方法: IEC 62321-4:2013+AMD1:2017, IEC 62321-5:2013, IEC 62321-7-1:2015 と IEC 62321-12:2023 を参照, ICP-OES/AAS,UV-Vis と GC-MS で分析する。

試験項目	制限値	単位	MDL	A2
鉛(Pb)	1000	mg/kg	2	7
水銀 (Hg)	1000	mg/kg	2	ND
カドミウム(Cd)	100	mg/kg	2	ND
六価クロム(Cr(VI)) ▼	-	µg/cm ²	0.10	ND
PBB の合計	1000	mg/kg	-	ND
モノブロモビフェニル	-	mg/kg	25	ND
ジブロモビフェニル	-	mg/kg	25	ND
トリブロモビフェニル	-	mg/kg	25	ND
テトラブロモビフェニル	-	mg/kg	25	ND
ペンタブロモビフェニル	-	mg/kg	25	ND
ヘキサブロモビフェニル	-	mg/kg	25	ND
ヘプタブロモビフェニル	-	mg/kg	25	ND
オクタブロモビフェニル	-	mg/kg	25	ND
ノナブロモビフェニル	-	mg/kg	25	ND
デカブロモビフェニル	-	mg/kg	25	ND
PBDE の合計	1000	mg/kg	-	ND
モノブロモジフェニルエーテル	-	mg/kg	25	ND
ジブロモジフェニルエーテル	-	mg/kg	25	ND
トリブロモジフェニルエーテル	-	mg/kg	25	ND
テトラブロモジフェニルエーテル	-	mg/kg	25	ND
ペンタブロモジフェニルエーテル	-	mg/kg	25	ND
ヘキサブロモジフェニルエーテル	-	mg/kg	25	ND
ヘプタブロモジフェニルエーテル	-	mg/kg	25	ND
オクタブロモジフェニルエーテル	-	mg/kg	25	ND



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試験項目	制限値	単位	MDL	A2
ノナブロモジフェニルエーテル	–	mg/kg	25	ND
デカブロモジフェニルエーテル	–	mg/kg	25	ND
フタル酸ビス(2-エチルヘキシル)(DEHP)	1000	mg/kg	50	ND
フタル酸ブチルベンジル(BBP)	1000	mg/kg	50	ND
フタル酸ジブチル (DBP)	1000	mg/kg	50	ND
フタル酸ジイソブチル(DIBP)	1000	mg/kg	50	ND

備考:

- (1) 制限値はRoHS指令(EU)2015/863によります。
- (2) IEC 62321シリーズはEN 62321シリーズと同様である。
- (3) ▼ = a. Cr(VI)の濃度が $0.13 \mu\text{g}/\text{cm}^2$ 以上になる場合、Cr(VI)が検出され、陽性と判定する；
b. Cr(VI)の濃度がND($0.10 \mu\text{g}/\text{cm}^2$ 以下)になる場合、Cr(VI)は検出されず、陰性と判定する；
c. Cr(VI)の濃度が $0.10 \mu\text{g}/\text{cm}^2 \sim 0.13 \mu\text{g}/\text{cm}^2$ になる場合、サンプル表面の相違によりCr(VI)の検出がされず、直接判定できなくなる可能性がある。
Cr(VI)の結果は試料の保管条件と製造日とは関係なく、試験当時に於ける試料の状態を表します。

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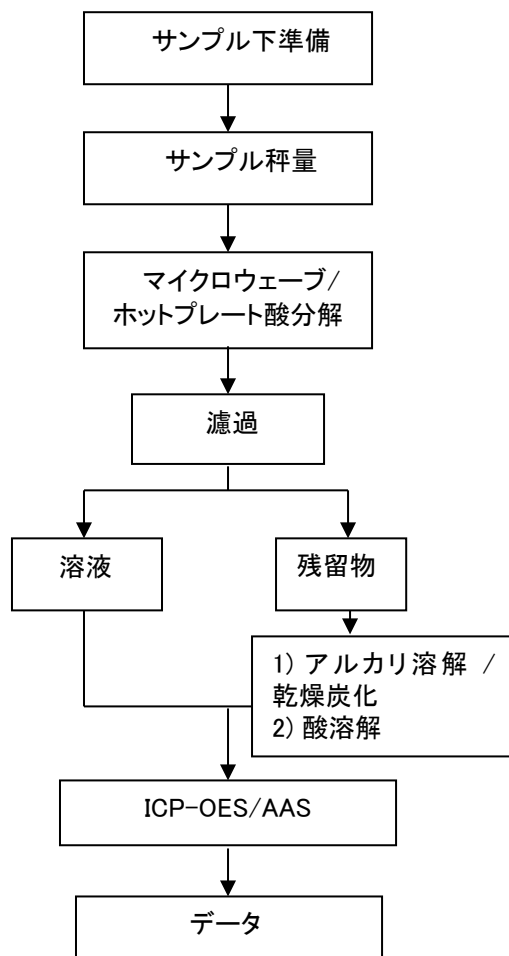
付属書

元素テストフローチャート

分析員: Meria Jin/Sielina Song

試験責任者: John Cheng

これらのサンプルは、必要条件として下記フローチャートに従い、完全溶解する。



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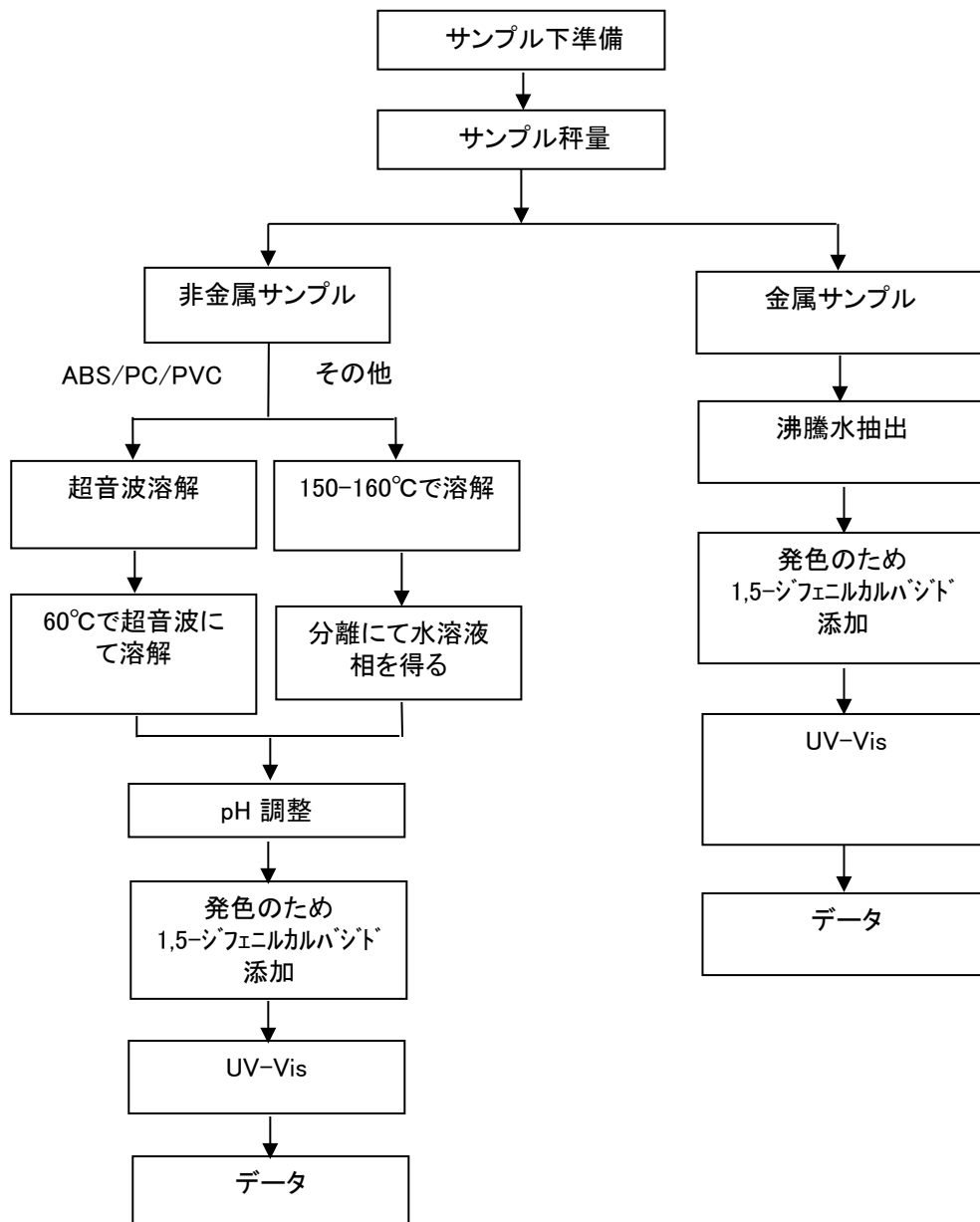
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付属書

Cr⁶⁺テストフローチャート

分析員: Alex Wang

試験責任者: Xiaolong Yang



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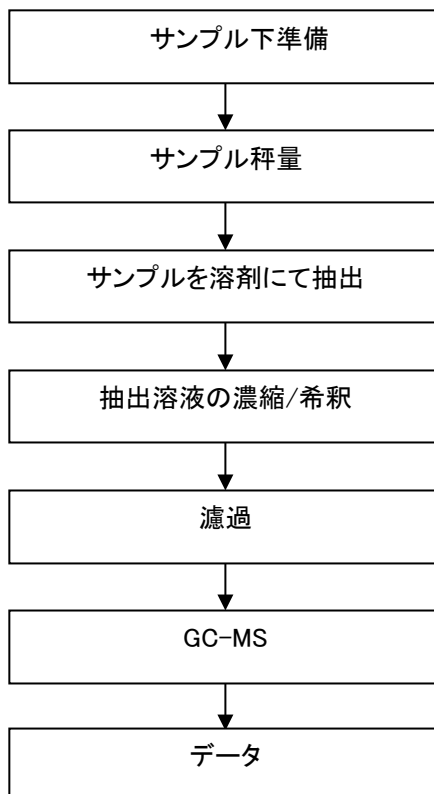
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付属書

PBB(s)/PBDE(s)/フタル酸エステルテストフローチャート

分析員: Gary Xu

試験責任者: Carol Cui



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