

水口化成株式会社
〒 935-0031 富山県氷見市柳田12-1

申込者から提出された試料（サンプル）は、以下の通りです。

製品名（試料名） : ポリエチレンフィルム

受領日(サンプル) : 17-Jan-2024
測定期間 : 17-Jan-2024 to 24-Jan-2024

測定条件 : 依頼者の指定により、RoHS 2011/65/EU 付録 II と (EU) 2015/863 に準じてカドミウム、鉛、水銀、六価クロム、PBBs、PBDEs、DBP、BBP、DEHP、DIBPの測定を行いました。

測定結果 : 次のページをご参照下さい。

結 論 : 当該サンプルのカドミウム、鉛、水銀、六価クロム、PBBs、PBDEs、DBP、BBP、DEHP、DIBPの測定結果は、RoHS 2011/65/EU Annex II とその更新の(EU) RoHS 指令2015/863の基準値を満たしています。

Signed for and on behalf of
SGS Testing & Control Services Singapore Pte Ltd



Y.C. Tham
Technical Manager, Multi-Lab

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測定結果:

測定部位 : プラスチックフィルム (白黒)

測定項目	単位	測定方法	結果	MDL	規制値
カドミウム	mg/kg	IEC 62321-5: 2013参照、ICP-OESで測定.	n.d.	2	100
鉛	mg/kg	IEC 62321-5: 2013参照、ICP-OESで測定.	n.d.	2	1000
水銀	mg/kg	IEC 62321-4:2013+AMD1:2017参照、ICP-OESで測定.	n.d.	2	1000
六価クロム	mg/kg	IEC 62321-7-2: 2017参照、UV-VISで測定.	n.d.	8	1000
PBBsの合計	mg/kg	IEC 62321-6: 2015参照、GC/MSで測定.	n.d.	-	1000
モノブロモビフェニル	mg/kg		n.d.	5	-
ジブロモビフェニル	mg/kg		n.d.	5	-
トリブロモビフェニル	mg/kg		n.d.	5	-
テトラブロモビフェニル	mg/kg		n.d.	5	-
ペンタブロモビフェニル	mg/kg		n.d.	5	-
ヘキサブロモビフェニル	mg/kg		n.d.	5	-
ヘプタブロモビフェニル	mg/kg		n.d.	5	-
オクタブロモビフェニル	mg/kg		n.d.	5	-
ノナブロモビフェニル	mg/kg		n.d.	5	-
デカブロモビフェニル	mg/kg		n.d.	5	-
PBDEsの合計	mg/kg		n.d.	-	1000
モノブロモジフェニルエーテル	mg/kg		n.d.	5	-
ジブロモジフェニルエーテル	mg/kg		n.d.	5	-
トリブロモジフェニルエーテル	mg/kg		n.d.	5	-
テトラブロモジフェニルエーテル	mg/kg		n.d.	5	-
ペンタブロモジフェニルエーテル	mg/kg		n.d.	5	-
ヘキサブロモジフェニルエーテル	mg/kg		n.d.	5	-
ヘプタブロモジフェニルエーテル	mg/kg		n.d.	5	-
オクタブロモジフェニルエーテル	mg/kg		n.d.	5	-
ノナブロモジフェニルエーテル	mg/kg	n.d.	5	-	
デカブロモジフェニルエーテル	mg/kg	n.d.	5	-	

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測定結果:

測定部位 : プラスチックフィルム (白黒)

測定項目	単位	測定方法	結果	MDL	規制値
フタル酸ブチルベンジル(BBP)	mg/kg	IEC 62321-8: 2017 参照、GC/MSで測定.	n.d.	50	1000
フタル酸 ジブチル(DBP)	mg/kg	IEC 62321-8: 2017 参照、GC/MSで測定.	n.d.	50	1000
フタル酸ビス(2-エチルヘキシル) (DEHP)	mg/kg	IEC 62321-8: 2017 参照、GC/MSで測定.	n.d.	50	1000
フタル酸ジイソブチル (DIBP)	mg/kg	IEC 62321-8: 2017 参照、GC/MSで測定.	n.d.	50	1000

- 備考 :
- (1) mg/kg = ppm ; 0.1wt% = 1000ppm
 - (2) n.d.= Not Detected 検出せず (<方法検出下限値)
 - (3) MDL = Method Detection Limit (方法検出下限値)
 - (4) “-” = Not regulated (規制の対象外)
 - (5) 適合性結果は、試験結果と制限値を比較して判定しました。

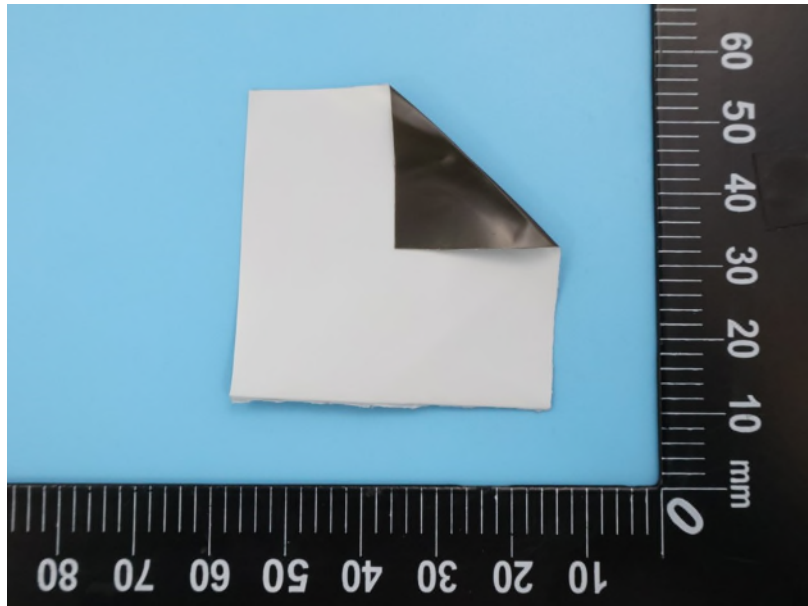
特に明記されていない限り、適合性報告の決定規則はバイナリストatementに基づいています
ILAC-G8:09/2019に記載されている単純な受け入れルール(w = 0)の場合

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サンプル写真:

測定部位 : プラスチックフィルム (白黒)

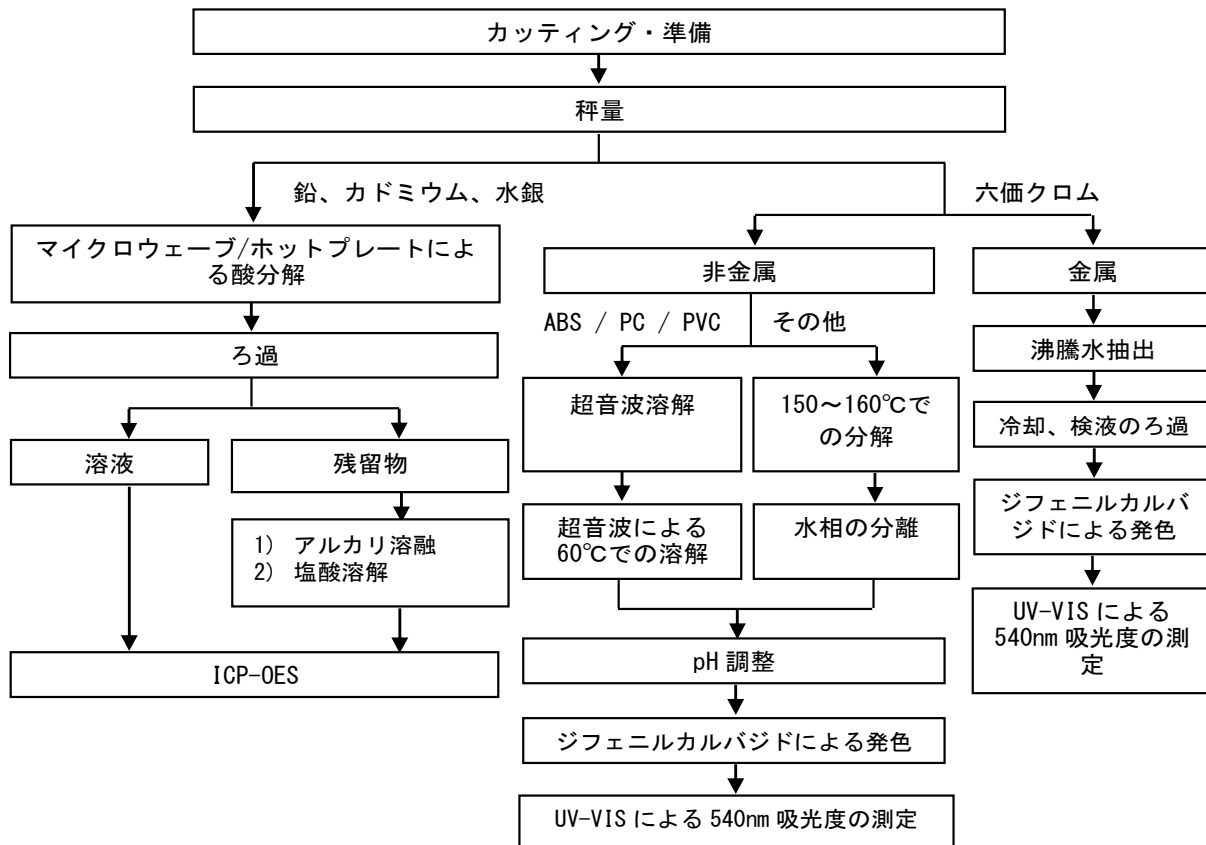
SGS authenticate the photo on original report only
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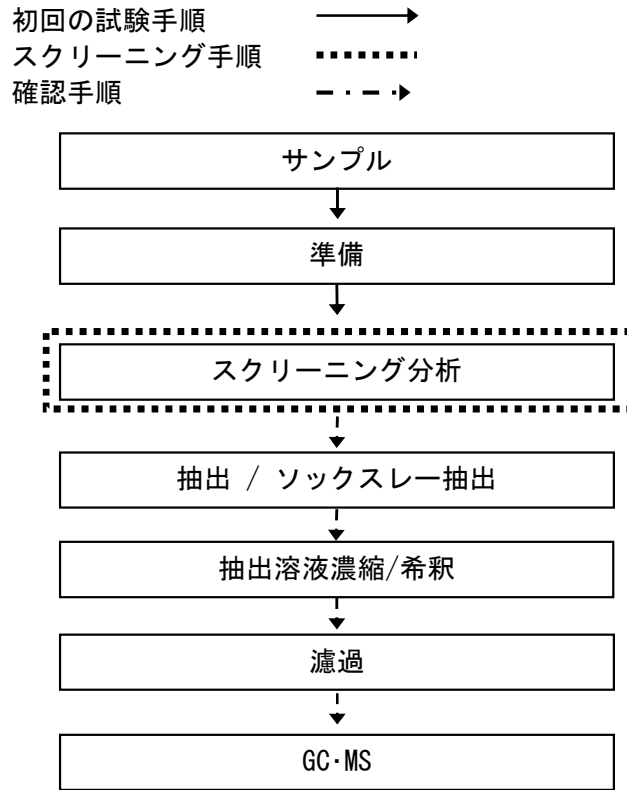
分析フローチャート

このサンプルは以下のフローチャートで示す前処理によって完全溶解しました。(六価クロム分析は除く)



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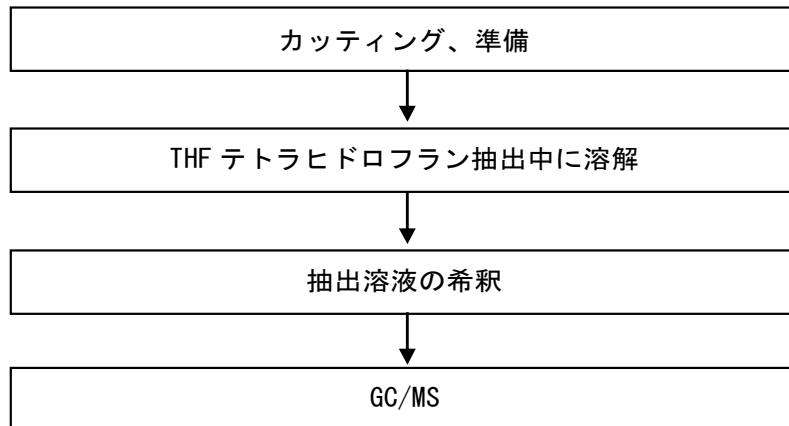
PBBs / PBDEs 分析フローチャート



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フタル酸エステル分析フローチャート

測定方法: IEC 62321-8



** 以上 **