

检测报告

编号: SHAEC23014662638_1

日期: 2023 年 10 月 12 日

第 1 页, 共 23 页

客户名称: 湖南地博光学材料有限公司
客户地址: 湖南省株洲市攸县高新技术开发区吉龙路 8 号

样品名称: 阻燃 PC
客户参考信息: 见附件
以上样品及信息由客户提供。

此报告替代原来编号为 SHAEC23014662638, 日期为 2023 年 09 月 26 日的报告。

SGS 工作编号: SHP23-012995
样品接收时间: 2023 年 09 月 12 日
检测周期: 2023 年 09 月 12 日 ~ 2023 年 09 月 20 日
检测要求: 根据客户要求检测。
检测方法: 见后续页。
检测结果: 见后续页。

通标标准技术服务(上海)有限公司
授权签名

胡敏

Dora Hu 胡敏
批准签署人

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第 2 页, 共 23 页

检测结果:

检测部件外观描述:

样品序号	样品编号	SGS 样品 ID	样品描述
SN1	A4	SHA23-0146626-0001.C004	黑色固体片+白色固体片+无色半透明固体片+无色透明固体片

备注:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = 方法检测限
- (3) ND = 未检出 (< MDL)
- (4) "-" = 未规定

欧盟 RoHS 指令 2011/65/EU 附录 II 的修正指令(EU) 2015/863- 铅、汞、镉、六价铬、多溴联苯(PBBs)、多溴二苯醚(PBDEs)、邻苯二甲酸二丁酯 (DBP)、邻苯二甲酸丁苄酯(BBP)、邻苯二甲酸二(2-乙基己基)酯 (DEHP)和邻苯二甲酸二异丁酯(DIBP)

检测方法: 参考 IEC 62321-4:2013+AMD1:2017, IEC 62321-5:2013, IEC 62321-7-2:2017, IEC 62321-6:2015 和 IEC 62321-8:2017, 采用 ICP-OES, UV-Vis 和 GC-MS 进行分析。

检测项目	限值	单位	MDL	A4
镉 (Cd)	100	mg/kg	2	ND
铅 (Pb)	1000	mg/kg	2	ND
汞 (Hg)	1000	mg/kg	2	ND
六价铬(Cr(VI))	1000	mg/kg	8	ND
多溴联苯之和(PBBs)	1000	mg/kg	-	ND
一溴联苯(MonoBB)	-	mg/kg	5	ND
二溴联苯(DiBB)	-	mg/kg	5	ND
三溴联苯(TriBB)	-	mg/kg	5	ND
四溴联苯(TetraBB)	-	mg/kg	5	ND
五溴联苯(PentaBB)	-	mg/kg	5	ND
六溴联苯(HexaBB)	-	mg/kg	5	ND
七溴联苯(HeptaBB)	-	mg/kg	5	ND
八溴联苯(OctaBB)	-	mg/kg	5	ND
九溴联苯(NonaBB)	-	mg/kg	5	ND
十溴联苯(DecaBB)	-	mg/kg	5	ND
多溴二苯醚之和(PBDEs)	1000	mg/kg	-	ND
一溴二苯醚(MonoBDE)	-	mg/kg	5	ND
二溴二苯醚(DiBDE)	-	mg/kg	5	ND
三溴二苯醚(TriBDE)	-	mg/kg	5	ND
四溴二苯醚(TetraBDE)	-	mg/kg	5	ND
五溴二苯醚(PentaBDE)	-	mg/kg	5	ND
六溴二苯醚(HexaBDE)	-	mg/kg	5	ND
七溴二苯醚(HeptaBDE)	-	mg/kg	5	ND
八溴二苯醚(OctaBDE)	-	mg/kg	5	ND



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第 3 页, 共 23 页

检测项目	限值	单位	MDL	A4
九溴二苯醚(NonaBDE)	-	mg/kg	5	ND
十溴二苯醚(DecaBDE)	-	mg/kg	5	ND
邻苯二甲酸二丁酯 (DBP)	1000	mg/kg	50	ND
邻苯二甲酸丁苄酯 (BBP)	1000	mg/kg	50	ND
邻苯二甲酸二(2-乙基己基)酯 (DEHP)	1000	mg/kg	50	ND
邻苯二甲酸二异丁酯 (DIBP)	1000	mg/kg	50	ND

备注:

(1) 最大允许限值引用自 RoHS 指令(EU) 2015/863。

(2) IEC 62321 系列等同于 EN 62321 系列。

(3) 2021 年 7 月 22 号开始, DEHP, BBP, DBP 和 DIBP 的限制适用于医疗器械, 包括体外医疗器械, 监控仪表, 包括工业监测和控制仪器。

元素*

检测方法: 参考 US EPA 3052:1996, 采用 ICP-OES/AAS 进行分析。

检测项目	单位	MDL	A4
铍(Be)	mg/kg	5	ND
锑(Sb)	mg/kg	10	ND

阻燃剂*

检测方法: SGS 内部方法, 采用 GC-MS/HPLC-DAD-MS 进行分析。

检测项目	CAS No.	单位	MDL	A4
十溴二苯乙烷 (DBDPE / DEBD)	84852-53-9	mg/kg	10	ND

卤素

检测方法: 参考 EN 14582:2016, 采用 IC 进行分析。

检测项目	单位	MDL	A4
氟 (F)	mg/kg	20	381
氯 (Cl)	mg/kg	50	ND
溴 (Br)	mg/kg	50	ND
碘 (I)	mg/kg	50	ND

六溴环十二烷(HBCDD)*

检测方法: 参考 IEC 62321-9:2021, 采用 GC-MS 进行分析。

检测项目	CAS No.	单位	MDL	A4
六溴环十二烷 (HBCDD)	134237-50-6 /134237-51-7	mg/kg	20	ND



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日期: 2023 年 10 月 12 日

第 4 页, 共 23 页

检测项目	CAS No.	单位	MDL	A4
	/134237-52-8 /25637-99-4 /3194-55-6			

邻苯二甲酸盐(或酯)*

检测方法: 参考 EN 14372:2004, 采用 GC-MS 进行分析。

检测项目	CAS No.	单位	MDL	A4
邻苯二甲酸二丁酯(DBP)	84-74-2	%	0.003	ND
邻苯二甲酸二(2-乙基己基) (DEHP)	117-81-7	%	0.003	ND
邻苯二甲酸丁苄酯(BBP)	85-68-7	%	0.003	ND
邻苯二甲酸二异壬酯 (DINP)	28553-12-0 /68515-48-0	%	0.010	ND
邻苯二甲酸二正辛酯 (DNOP)	117-84-0	%	0.003	ND
邻苯二甲酸二异癸酯 (DIDP)	26761-40-0 /68515-49-1	%	0.010	ND
邻苯二甲酸二甲酯(DMP)	131-11-3	%	0.003	ND
邻苯二甲酸二乙酯(DEP)	84-66-2	%	0.003	ND
邻苯二甲酸二丙酯(DPrP)	131-16-8	%	0.003	ND
邻苯二甲酸二异丁酯(DIBP)	84-69-5	%	0.003	ND
邻苯二甲酸二戊酯(DnPP)	131-18-0	%	0.003	ND
邻苯二甲酸二正己酯(DnHP)	84-75-3	%	0.003	ND
邻苯二甲酸二环己酯(DCHP)	84-61-7	%	0.003	ND
邻苯二甲酸二苯酯(DPhP)	84-62-8	%	0.003	ND
邻苯二甲酸二苄酯(DBzP)	523-31-9	%	0.003	ND
邻苯二甲酸二壬酯(DNP)	84-76-4	%	0.003	ND
邻苯二甲酸二异辛酯(DiOP)	27554-26-3	%	0.010	ND
邻苯二甲酸二(2-甲氧基乙基)酯(DMEP)	117-82-8	%	0.003	ND
邻苯二甲酸二异戊酯(DiPP)	605-50-5	%	0.003	ND
邻苯二甲酸正戊基异戊基酯(nPiPP)	776297-69-9	%	0.003	ND
1,2-苯二甲酸,二-C6-8 支链烷基酯,富 C7(DIHP)	71888-89-6	%	0.010	ND
邻苯二甲酸二(C7,C9,C11)烷基酯 (DHNUP)	68515-42-4	%	0.010	ND
1,2-苯二甲酸二(支链与直链)戊基酯	84777-06-0	%	0.010	ND
邻苯二甲酸二(2-丙基庚)酯(DPHpP)	53306-54-0	%	0.010	ND
1,2-苯二甲酸,二(C6-10)烷基酯 / 1,2-苯二甲酸,混合二己二辛二癸酯,其中邻苯二甲酸二己酯含量≥0.3%	68515-51-5 /68648-93-1	%	0.010	ND

红磷*

检测方法: 参考 SGS 内部方法, 采用 ICP-OES 和热裂解 GC-MS 进行分析。



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第 5 页, 共 23 页

检测项目	CAS No.	单位	MDL	A4
红磷	7723-14-0	mg/kg	500	ND

备注:

(1) 检测结果基于最坏情况考虑, 并经热裂解 GC-MS 确认。

四溴双酚-A*

检测方法: 参考 US EPA 3540C: 1996, 采用 GC-MS/LC-MS 进行分析。

检测项目	CAS No.	单位	MDL	A4
四溴双酚-A	79-94-7	mg/kg	10	ND

双酚 A*

检测方法: 参考 US EPA 3550C:2007, 采用 LC-MS 进行分析。

检测项目	CAS No.	单位	MDL	A4
双酚 A(BPA)	80-05-7	mg/kg	1.0	24.1

全氟辛烷磺酸(PFOS)及其衍生物和全氟辛酸(PFOA)及其盐*

检测方法: 参考 CEN/TS 15968:2010, 采用 HPLC-MS 或 LC-MS/MS 进行分析。

检测项目	CAS No.	单位	MDL	A4
全氟辛烷磺酸(PFOS)及其衍生物	-	mg/kg	-	ND
全氟辛烷磺酸 (PFOS)及其盐*	-	mg/kg	0.010	ND
N-乙基全氟辛烷磺酰胺 (N-EtFOSA)	4151-50-2	mg/kg	0.010	ND
N-甲基全氟辛烷磺酰胺 (N-MeFOSA)	31506-32-8	mg/kg	0.010	ND
2-(N-乙基全氟辛基磺酰胺)乙醇 (N-EtFOSE)	1691-99-2	mg/kg	0.010	ND
2-(N-甲基全氟辛基磺酰胺)乙醇 (N-MeFOSE)	24448-09-7	mg/kg	0.010	ND
全氟辛基磺酰胺 (PFOSA)	754-91-6	mg/kg	0.010	ND
全氟辛酸 (PFOA)及其盐*	-	mg/kg	0.010	ND

备注:

- (1) 全氟辛酸 (PFOA)及其盐*包括 PFOA (CAS No. 335-67-1)、APFO (CAS No. 3825-26-1)、PFOA-Na (CAS No. 335-95-5)、PFOA-K (CAS No. 2395-00-8)、PFOA-Ag (CAS No. 335-93-3) 和 PFOA-F (CAS No. 335-66-0)。全氟辛酸 (PFOA)的结果用于表示全氟辛酸 (PFOA)及其盐。
- (2) 全氟辛烷磺酸 (PFOS)及其盐*包括全氟辛烷磺酸 (CAS No.1763-23-1)、POSF (CAS No. 307-35-7)、PFOS-K (CAS No. 2795-39-3)、PFOS-NH₄ (CAS No. 29081-56-9)、PFOS-N(C₁₀H₂₁)₂(CH₃)₂ (CAS No. 251099-16-8)、PFOS-NH₂(C₂H₄OH)₂ (CAS No. 70225-14-8)、PFOS-Li (CAS No. 29457-72-5)、PFOS-N(C₂H₅)₄ (CAS No. 56773-42-3) 和 PFOS-Na (CAS No. 4021-47-0)。全氟辛烷磺酸的结果用于表示全氟辛烷磺酸及其盐。



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第 6 页, 共 23 页

多环芳香烃 (PAHs)*

检测方法: 参考 AfPS GS 2014:01 PAK 方法检测, 采用 GC-MS 进行分析。

检测项目	CAS No.	单位	MDL	A4
苯并(a)芘(BaP)	50-32-8	mg/kg	0.1	ND
苯并(e)芘(BeP)	192-97-2	mg/kg	0.1	ND
苯并(a)蒽(BaA)	56-55-3	mg/kg	0.1	ND
苯并(b)荧蒽(BbF)	205-99-2	mg/kg	0.1	ND
苯并(j)荧蒽(BjF)	205-82-3	mg/kg	0.1	ND
苯并(k)荧蒽(BkF)	207-08-9	mg/kg	0.1	ND
蒽(CHR)	218-01-9	mg/kg	0.1	ND
二苯并(a,h)蒽(DBA)	53-70-3	mg/kg	0.1	ND
苯并(g,h,i)苝(二苯并苯)(BPE)	191-24-2	mg/kg	0.1	ND
茚苯(1,2,3-c,d)苝(IPY)	193-39-5	mg/kg	0.1	ND
苝(ANY)	208-96-8	mg/kg	0.1	ND
苝(苯并戊烷)(ANA)	83-32-9	mg/kg	0.1	ND
芴(FLU)	86-73-7	mg/kg	0.1	ND
菲(PHE)	85-01-8	mg/kg	0.1	ND
芘(PYR)	129-00-0	mg/kg	0.1	ND
蒽(ANT)	120-12-7	mg/kg	0.1	ND
荧蒽(FLT)	206-44-0	mg/kg	0.1	ND
7 项多环芳香烃总和[苝(ANY)苝(苯并戊烷)(ANA), 芴(FLU), 菲(PHE), 芘(PYR), 蒽(ANT), 荧蒽(FLT)]	-	mg/kg	-	ND
萘(NAP)	91-20-3	mg/kg	0.1	ND
18 项多环芳香烃总和	-	mg/kg	-	ND
材料分类	-	-	-	-

备注:

AFPS(德国产品安全委员会):GS 认证对多环芳香烃的要求

参数	1 类	2 类		3 类	
	设计意图为放入口中的材料或者玩具上与皮肤接触的材料 (接触时间大于 30 秒).	未在 1 类规定中涵盖的材料,且可能与皮肤接触时间大于 30 秒的材料 (长时接触皮肤)或频繁接触皮肤.		未在 1 和 2 类规定中涵盖的材料,且可能与皮肤接触的少于 30 秒的材料(短期接触皮肤)	
		2009/48/EC 中适用的玩具	产品安全法涉及的其他产品	2009/48/EC 中适用的玩具	产品安全法涉及的其他产品
苯并(a)芘(BaP) mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
苯并(e)芘 (BeP) mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
苯并(a)蒽 (BaA) mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1



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检测报告

编号: SHAEC23014662638_1

日期: 2023 年 10 月 12 日

第 7 页, 共 23 页

苯并(b)荧蒽 (BbF) mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
苯并(j)荧蒽 (BjF) mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
苯并(k)荧蒽 mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
屈 (CHR) mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
二苯并(a,h)蒽(DBA) mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
苯并(g,h,i)花(二苯并苯) (BPE) mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
茚并(1,2,3-c,d)花(IPY) mg/kg	< 0.2	< 0.2	< 0.5	< 0.5	< 1
萘烯(ANY), 萘(萘嵌戊烷) (ANA), 芴 (FLU), 菲 (PHE), 蒽 (PYR), 蒽 (ANT), 荧蒽 (FLT)之和 mg/kg	< 1 (总和)	< 5 (总和)	< 10 (总和)	< 20 (总和)	< 50 (总和)
萘 (NAP) mg/kg	< 1	< 2		< 10	
18 PAH 之和	<1	< 5	< 10	< 20	< 50

备注:

合测是基于客户要求, 选取合测样品中随机部位进行合样检测。

报告中标注"*"的项目不在我方实验室 CNAS 认可范围内。

本报告更新了客户参考信息。

除非另有说明, 参照 ILAC-G8:09/2019, 使用简单接受 ($w=0$) 的二元判定规则进行符合性判定。

除非另有说明, 此报告结果仅对检测的样品负责。本报告未经本公司书面许可, 不可部分复制。

检测报告仅用于客户科研、教学、内部质量控制、产品研发等目的, 仅供内部参考。



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编号: SHAEC23014662638_1

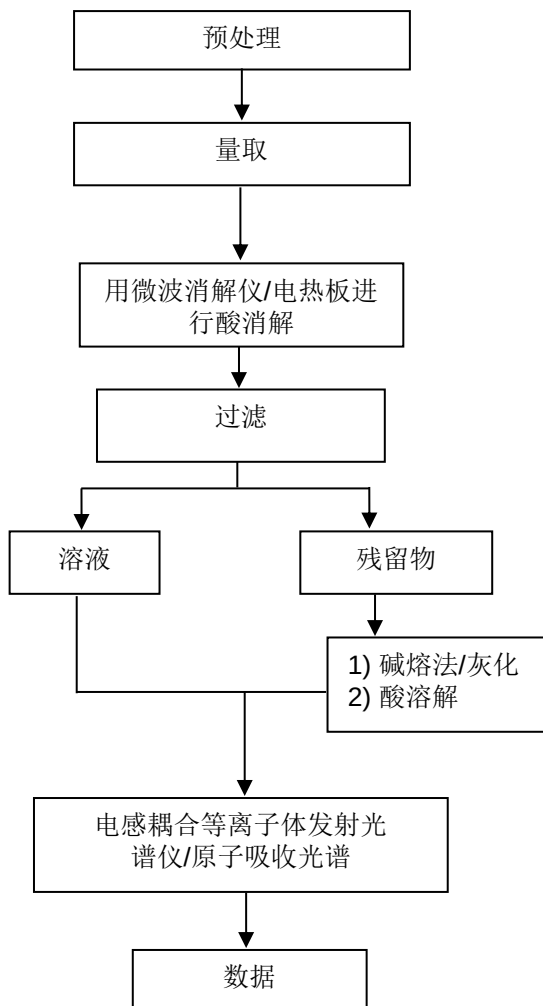
日期: 2023 年 10 月 12 日

第 8 页, 共 23 页

附件

元素检测流程图

样品按照下述流程被完全消解



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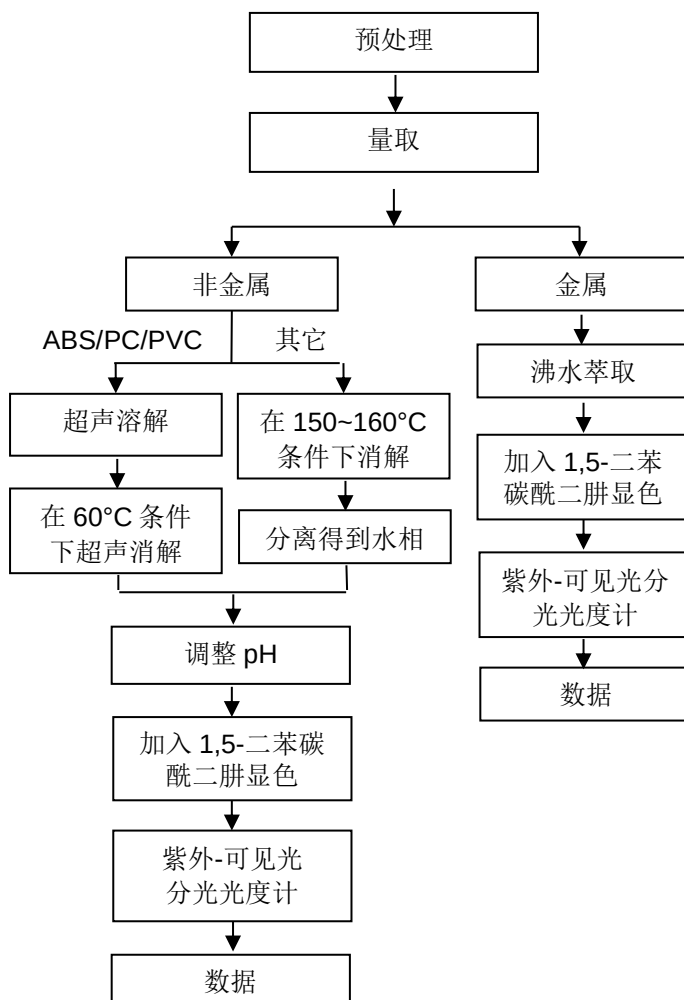
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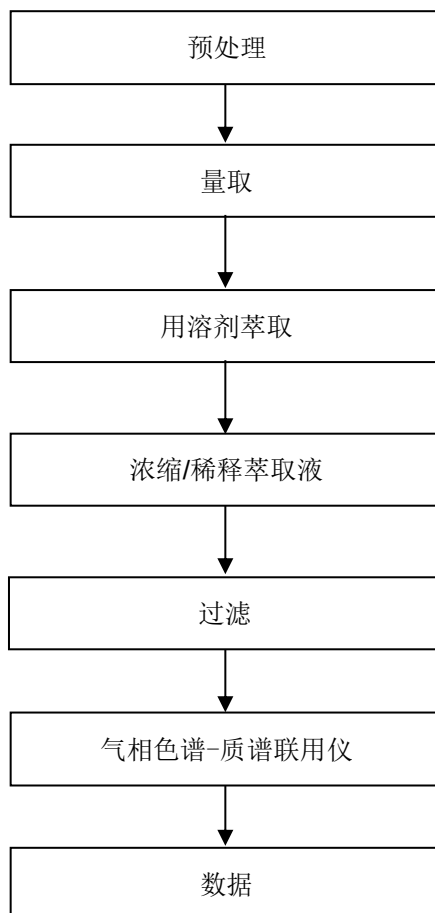
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六价铬检测流程图



PBBs/PBDEs 检测流程图



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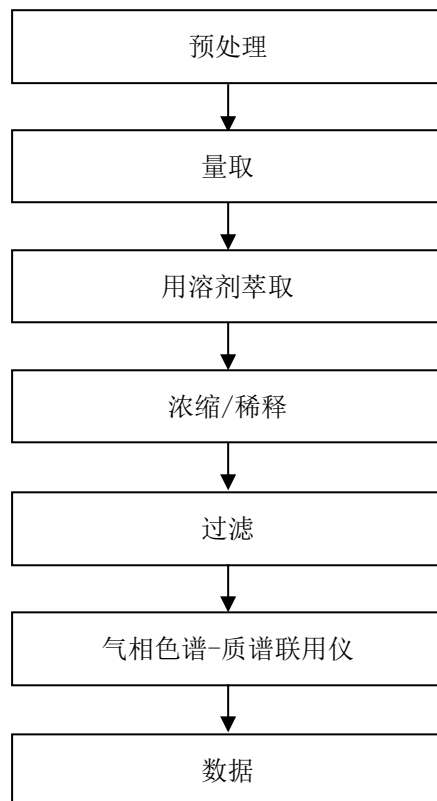
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Phthalates 检测流程图



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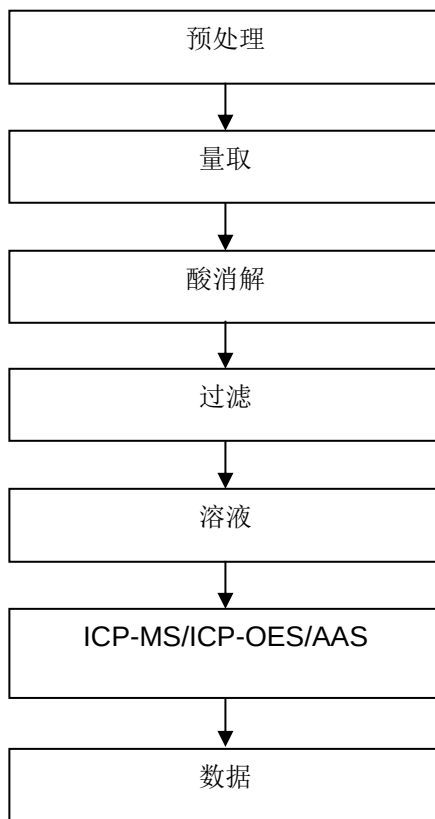
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元素检测流程图



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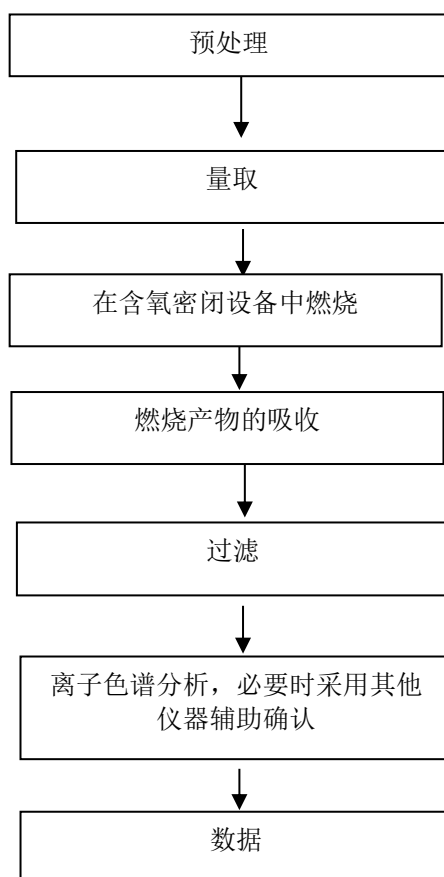
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卤素检测流程图



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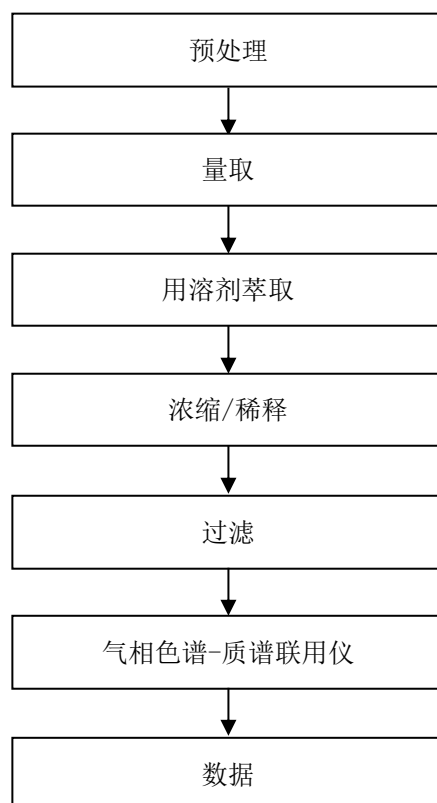
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HBCDD 检测流程图

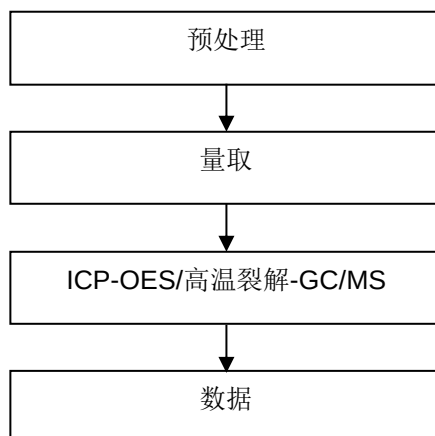


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Red Phosphorus 检测流程图



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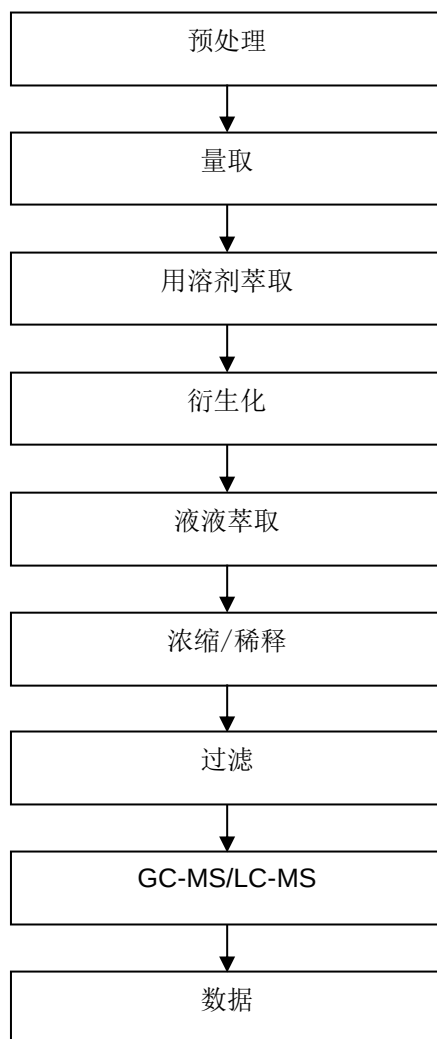
附件

编号: SHAEC23014662638_1

日期: 2023 年 10 月 12 日

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TBBP-A 检测流程图



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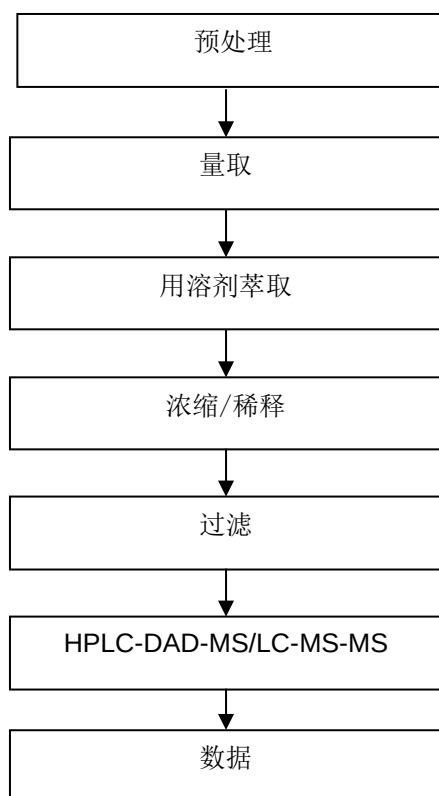
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BPA 检测流程图



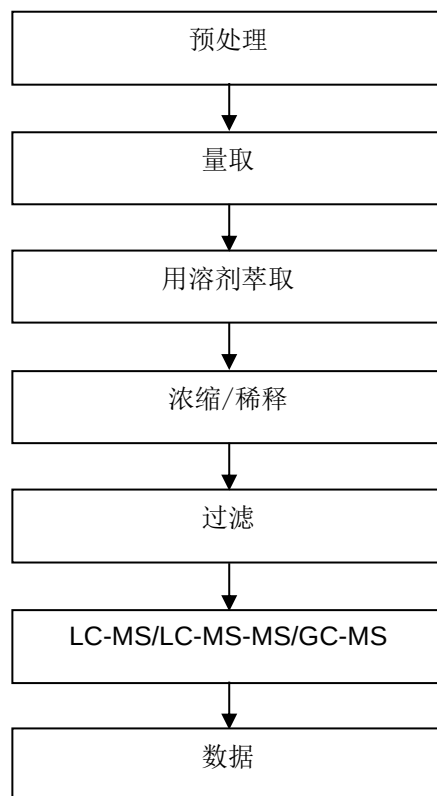
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PFASs/ PFOS/PFOA 检测流程图



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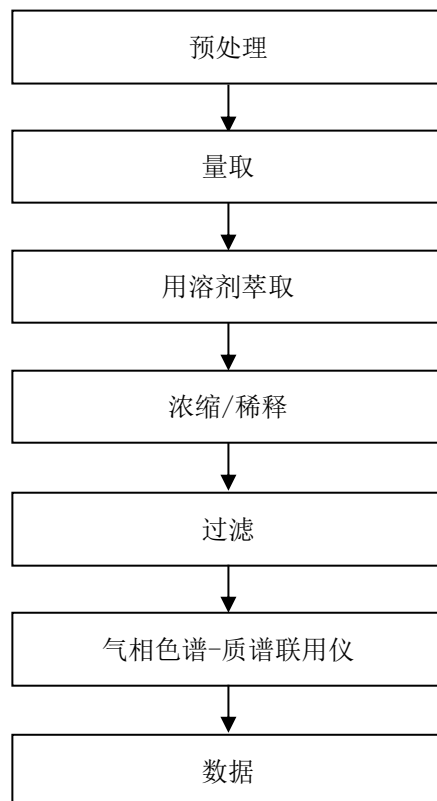
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PAHs 检测流程图



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检测报告

编号: SHAEC23014662638_1

日期: 2023 年 10 月 12 日

第 20 页, 共 23 页

附件:

DB98 (11)	DB98 21B (21016)	DB98KJ (32044)	DB98KJ (42002)	DB9832B (32045)
PC2811	DB98 21B (21017)	DB98KJ (32045)	DB98KJ (42003)	DB9832B (32046)
DB98 (32)	DB98 21B (21018)	DB98KJ (32046)	DB98KJ (42004)	DB9832B (32047)
DB98 (42)	DB98 21BA (21005)	DB98KJ (32047)	DB98KJ (42005)	DB9832B (32048)
PC98MNB1	DB9821BK (21001)	DB98KJ (32048)	DB98KJ (53002)	DB9832B (32049)
PC9821B	DB9821BK (21002)	DB98KJ (32049)	DB98KM (32001)	DB9832B (32050)
PC9832B	DB9821BK (21003)	DB98KJ (32050)	DB98KM (32002)	DB9842B (43001)
PC9842B	DB9821BK (21004)	DB98KJ (43001)	DB98KM (43001)	DB9842B (43002)
DB9842B	DB9821BK (21005)	DB98KJ (43002)	DB98KM (42001)	DB9842B (43003)
DB98KJ	DB98 32Q (32001)	DB98KJ (43003)	DB98KM (42002)	DB9842B (43004)
DB98NS (11001)	DB98 32Q (32002)	DB98KJ (43004)	DB98KM (43002)	DB9842B (43005)
DB98NS (11002)	DB98 32Q (32003)	DB98KJ (43006)	DB9832B (31001)	DB9842B (43006)
DB98NS (11003)	DB98 43W (43001)	DB98KJ (43007)	DB9832B (32001)	DB9842B (43007)
DB98NS (11004)	DB98 11B (11001)	DB98KJ (43008)	DB9832B (32002)	DB9842B (43008)
DB98NS (21001)	DB98KJ (11002)	DB98KJ (43009)	DB9832B (32003)	DB9842B (43009)
DB98NS (31001)	DB98KJ (31001)	DB98KJ (43010)	DB9832B (32004)	DB9842B (43010)
DB98NS (32001)	DB98KJ (32001)	DB98KJ (43011)	DB9832B (32005)	DB9842B (43011)
DB98NS (32002)	DB98KJ (32002)	DB98KJ (43012)	DB9832B (32006)	DB9842B (43012)
DB98NS (41001)	DB98KJ (32003)	DB98KJ (43013)	DB9832B (32007)	DB9842B (43013)
DB98NS (42001)	DB98KJ (32004)	DB98KJ (43014)	DB9832BK1 (32001)	DB9842B (43014)
DB98NS (62001)	DB98KJ (32005)	DB98KJ (43015)	DB9832BK (32001)	DB9842B (43015)
DB98NS U (11001)	DB98KJ (43005)	DB98KJ (43016)	DB9832BK (32002)	DB9842B (43016)
DB98 21W (21001)	DB98KJ (32006)	DB98KJ (43017)	DB9832BK (32003)	DB9842B (42001)
DB98 21W (21002)	DB98KJ (32007)	DB98KJ (43018)	DB9832BK (32004)	DB9842B (42004)
DB98 21W (21006)	DB98KJ (32008)	DB98KJ (43019)	DB9832B (32009)	DB9842B (43018)



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编号: SHAEC23014662638_1

日期: 2023 年 10 月 12 日

第 21 页, 共 23 页

DB98 21WU (21001)	DB98KJ (32009)	DB98KJ (43020)	DB9832B (32010)	DB9842B (43019)
DB98 21Y (21001)	DB98KJ (32010)	DB98KJ (43021)	DB9832B (32011)	DB9842B (43020)
DB98 21Y (21002)	DB98KJ (32011)	DB98KJ (43022)	DB9832B (32012)	DB9842B (43021)
DB98 21Y (21003)	DB98KJ (32012)	DB98KJ (43023)	DB9832B (32013)	DB9842B (43022)
DB98 31W (31001)	DB98KJ (32013)	DB98KJ (43024)	DB9832B (32014)	DB9842B (43023)
DB98 32W (32002)	DB98KJ (32014)	DB98KJ (43025)	DB9832B (32015)	DB9842B (43024)
DB98 32W (32003)	DB98KJ (32015)	DB98KJ (43026)	DB9832B (32016)	DB9842B (43025)
DB98 32W (32006)	DB98KJ (32016)	DB98KJ (43027)	DB9832B (32017)	DB9842B (43026)
DB98 42Q (42001)	DB98KJ (32017)	DB98KJ (43028)	DB9832B (32018)	DB9842B (43027)
DB98 42Q (42004)	DB98KJ (32018)	DB98KJ (43029)	DB9832B (32019)	DB9842B (43028)
DB98 42Q (42002)	DB98KJ (32019)	DB98KJ (43030)	DB9832B (32020)	DB9842B (43029)
DB98 42Q (42003)	DB98KJ (32020)	DB98KJ (43031)	DB9832B (32021)	DB9842B (43030)
DB98 42Q (42005)	DB98KJ (32021)	DB98KJ (43032)	DB9832B (32022)	DB9842B (43031)
DB98 42Q (42006)	DB98KJ (32022)	DB98KJ (43033)	DB9832B (32023)	DB9842B (43032)
DB98 43Q (43001)	DB98KJ (32023)	DB98KJ (43034)	DB9832B (32024)	DB9842B (43033)
DB98 42Q	DB98KJ (32024)	DB98KJ (43035)	DB9832B (32025)	DB9842B (43034)
DB98 (BG)	DB98KJ (32025)	DB98KJ (43036)	DB9832B (32026)	DB9842B (43035)
PC98KJ	DB98KJ (32026)	DB98KJ (43037)	DB9832B (32027)	DB9842B (43036)
DB9832B	DB98KJ (32027)	DB98KJ (43038)	DB9832B (32028)	DB9842B (43037)
PC9832BK	DB98KJ (32028)	DB98KJ (43039)	DB9832B (32029)	DB9842B (43038)
DB98 21B (21001)	DB98KJ (32029)	DB98KJ (43040)	DB9832B (32030)	DB9842B (43039)
DB98 21B (21002)	DB98KJ (32030)	DB98KJ (43041)	DB9832B (32031)	DB9842B (43040)
DB98 21B (21003)	DB98KJ (32031)	DB98KJ (43042)	DB9832B (32032)	DB9842B (43041)
DB98 21B (21004)	DB98KJ (32032)	DB98KJ (43043)	DB9832B (32033)	DB9842B (43042)
DB98 21B (21005)	DB98KJ (32033)	DB98KJ (43044)	DB9832B (32034)	DB9842B (43043)



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编号: SHAEC23014662638_1

日期: 2023 年 10 月 12 日

第 22 页, 共 23 页

DB98 21B (21006)	DB98KJ (32034)	DB98KJ (43045)	DB9832B (32035)	DB9842B (43044)
DB98 21B (21007)	DB98KJ (32035)	DB98KJ (43046)	DB9832B (32036)	DB9842B (43045)
DB98 21B (21008)	DB98KJ (32036)	DB98KJ (43047)	DB9832B (32037)	DB9842B (43046)
DB98 21B (21009)	DB98KJ (32037)	DB98KJ (43048)	DB9832B (32038)	DB9842B (43047)
DB98 21B (21010)	DB98KJ (32038)	DB98KJ (43049)	DB9832B (32039)	DB9842B (43048)
DB98 21B (21011)	DB98KJ (32039)	DB98KJ (43050)	DB9832B (32040)	DB9842B (43049)
DB98 21B (21012)	DB98KJ (32040)	DB98KJ (44001)	DB9832B (32041)	DB9842B (43050)
DB98 21B (21013)	DB98KJ (32041)	DB98KJ (44002)	DB9832B (32042)	DB9842B (42002)
DB98 21B (21014)	DB98KJ (32042)	DB98KJ (44003)	DB9832B (32043)	DB9832 A (32001)
DB98 21B (21015)	DB98KJ (32043)	DB98KJ (42001)	DB9832B (32044)	DB9842B A (43001)
DB9842B A (42001)	DB98 21Y (XXXXX)	DB9832BK (XXXXX)	DB98 11B (11002)	DB68MF (53002)
DB98HD (53001)	DB98 31W (XXXXX)	DB9842B (XXXXX)	DB98 11B (11003)	DB68MF (43002)
DB98 HS (53001)	DB98 32Q (XXXXX)	DB98AH (XXXXX)	DB98HS (53001)	DB98KJ (P001)
DB98HD (43001)	DB98 32W (XXXXX)	DB9832 A (XXXXX)	DB98HS (43001)	PC9821W1
DB98 HS (43001)	DB98 43W (XXXXX)	DB98HD (XXXXX)	DB9842B (43017)	DB98AH
DB98 21W (XXXXX)	DB98 42Q (XXXXX)	DB98 HS (XXXXX)	DB9842B (42003)	PC9821BK
DB98 21WU (XXXXX)	DB98 11B (XXXXX)	DB98 43Q (XXXXX)	DB98KM (32003)	PC9832BK
DB98 21B (XXXXX)	DB98KJ (XXXXX)	DB9842B A (XXXXX)	DB98KM (42003)	PC9821BK1
DB98 21BA (XXXXX)	DB98KM (XXXXX)	DB9832B (32008)	DB98KM (43003)	PC9832BK1
DB9821BK (XXXXX)	DB9832B (XXXXX)	DB98 11B (11001)	DB68MF (53001)	DB98HD
DB98	DB98NS	DB98NH	DB963	PC9842B (KG)
PC2811 (61002T)	DB9821B	DB98NM	PC9821W	PC98HD
PC9811	PC9832BND	DB98KM	PC9832B (ND)	
DB9811	PC9842BND	DN9821B	PC9842B (ND)	



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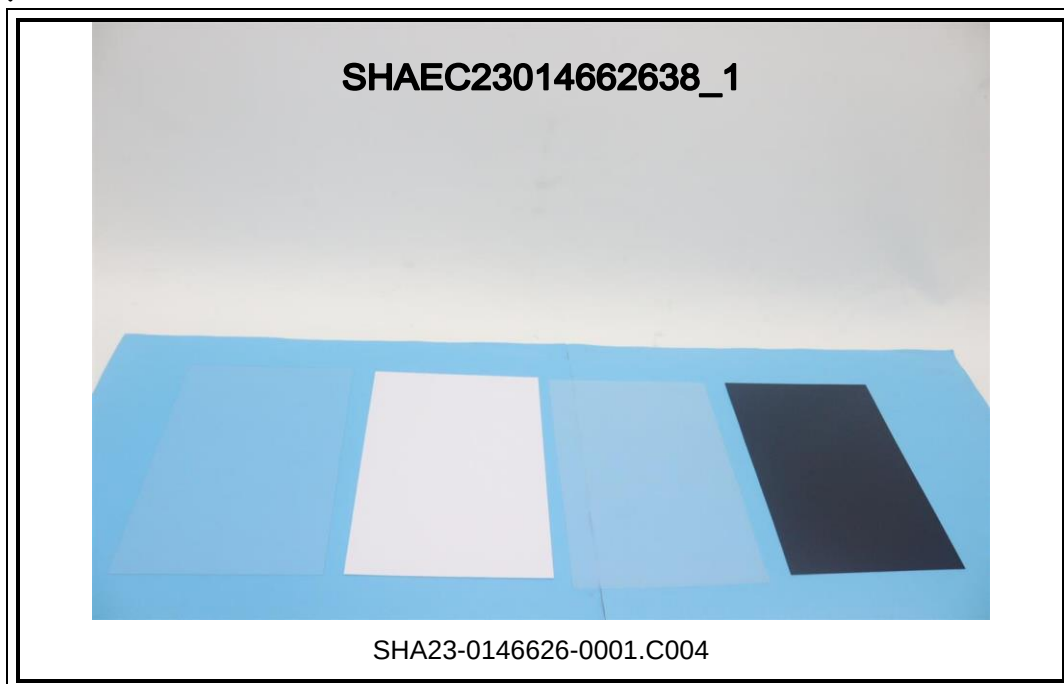
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编号: SHAEC23014662638_1

日期: 2023 年 10 月 12 日

第 23 页, 共 23 页

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