

检测报告

编号: SHAEC24017198604

日期: 2024 年 08 月 08 日

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客户名称: 常州常发制冷科技有限公司
客户地址: 江苏省常州市武进区礼嘉镇武进东大道 555-2 号

样品名称: 空调热交换器
料号: 15838200000281
买家: 美的
以上样品及信息由客户提供。

SGS 工作编号: SUP24-002392
样品接收时间: 2024 年 07 月 30 日
检测周期: 2024 年 07 月 30 日 ~ 2024 年 08 月 08 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。

检测要求	结论
多氯三联苯(PCTs)	符合
阻燃剂	符合
臭氧破坏物质(ODS)	符合
苯并三唑类紫外吸收剂	符合
欧盟法规(EC) No 1907/2006 REACH 附录 XVII 及其修正法案(EU) 2016/1005 第 6 条-石棉	符合
欧盟法规(EC) No 1907/2006 Reach 附录 XVII 的修正指令(EC) No 276/2010 第 20 条 - 有机锡化合物	符合
欧盟 POPs 法规 (EU) 2019/1021 附录 I 及其修正法规(EU) 2023/1608-全氟己烷磺酸(PFHxS)及其盐和相关化合物	符合

通标标准技术服务(上海)有限公司
授权签名

盛雯舒

Sue Sheng 盛雯舒
批准签署人

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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	A2	SHA24-0171986-0001.C002	白色固体
SN2	A3	SHA24-0171986-0001.C003	黑色泡棉

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

多氯三联苯(PCTs)

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

检测项目	限值	单位	MDL	A2
Aroclor 5432	禁用	mg/kg	5	ND
Aroclor 5442	禁用	mg/kg	5	ND
Aroclor 5460	禁用	mg/kg	5	ND
结论	符合			

备注:

- (1) 最大允许限值来源于客户要求。

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

检测项目	限值	单位	MDL	A3
Aroclor 5432	禁用	mg/kg	5	ND
Aroclor 5442	禁用	mg/kg	5	ND
Aroclor 5460	禁用	mg/kg	5	ND
结论	符合			

备注:

- (1) 最大允许限值来源于客户要求。

阻燃剂

检测方法: 参考内部方法, 采用 GC-MS 进行分析。



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检测项目	CAS No.	限值	单位	MDL	A2
磷酸三(1,3-二氯-2-丙基)酯(TDCPP/TDCP)	13674-87-8	1000	mg/kg	5	ND
磷酸三(2-氯乙基)酯(TCEP)	115-96-8	1000	mg/kg	5	ND
磷酸三(1-氯-2-丙基)酯(TCPP)	13674-84-5	1000	mg/kg	10	ND
结论	符合				

备注:

(1) 最大允许限值来源于客户要求。

检测方法: 参考内部方法, 采用 GC-MS 进行分析。

检测项目	CAS No.	限值	单位	MDL	A3
磷酸三(1,3-二氯-2-丙基)酯(TDCPP/TDCP)	13674-87-8	1000	mg/kg	5	ND
磷酸三(2-氯乙基)酯(TCEP)	115-96-8	1000	mg/kg	5	ND
磷酸三(1-氯-2-丙基)酯(TCPP)	13674-84-5	1000	mg/kg	10	ND
结论	符合				

备注:

(1) 最大允许限值来源于客户要求。

臭氧破坏物质(ODS)

检测方法: 参考 US EPA 5021A:2014, 采用 HS-GC-MS 进行分析。

检测项目	CAS No.	限值	单位	MDL	A3
CFC					
CFC-11	75-69-4	禁用	µg/g	1	ND
CFC-12	75-71-8	禁用	µg/g	1	ND
CFC-113	354-58-5 / 76-13-1	禁用	µg/g	1	ND
CFC-114	374-07-2 / 76-14-2	禁用	µg/g	1	ND
CFC-13	75-72-9	禁用	µg/g	1	ND
CFC-111	354-56-3	禁用	µg/g	1	ND
CFC-112	76-11-9	禁用	µg/g	1	ND
CFC-114a	374-07-2	禁用	µg/g	1	ND
CFC-115	76-15-3	禁用	µg/g	1	ND
CFC-211	422-78-6	禁用	µg/g	1	ND
CFC-212	661-96-1	禁用	µg/g	1	ND
CFC-213	1652-89-7	禁用	µg/g	1	ND
CFC-214	677-68-9	禁用	µg/g	1	ND
CFC-215	1599-41-3	禁用	µg/g	1	ND
CFC-216	661-97-2	禁用	µg/g	1	ND



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检测项目	CAS No.	限值	单位	MDL	A3
CFC-217	422-86-6	禁用	µg/g	1	ND
HCFC					
HCFC-21	75-43-4	禁用	µg/g	1	ND
HCFC-22	75-45-6	禁用	µg/g	1	ND
HCFC-123	306-83-2	禁用	µg/g	1	ND
HCFC-124	2837-89-0	禁用	µg/g	1	ND
HCFC-141b	1717-00-6	禁用	µg/g	1	ND
HCFC-142b	75-68-3	禁用	µg/g	1	ND
HCFC-31	593-70-4	禁用	µg/g	1	ND
HCFC-121	354-14-3	禁用	µg/g	1	ND
HCFC-122	354-21-2	禁用	µg/g	1	ND
HCFC-123a	354-23-4	禁用	µg/g	1	ND
HCFC-124a	354-25-6	禁用	µg/g	1	ND
HCFC-131	359-28-4	禁用	µg/g	1	ND
HCFC-131a	811-95-0	禁用	µg/g	1	ND
HCFC-132a	471-43-2	禁用	µg/g	1	ND
HCFC-132b	1649-08-7	禁用	µg/g	1	ND
HCFC-132	431-06-1	禁用	µg/g	1	ND
HCFC-133a	75-88-7	禁用	µg/g	1	ND
HCFC-221	422-26-4	禁用	µg/g	1	ND
HCFC-133	431-07-2	禁用	µg/g	1	ND
HCFC-222	422-30-0	禁用	µg/g	1	ND
HCFC-141	430-57-9	禁用	µg/g	1	ND
HCFC-223	422-52-6	禁用	µg/g	1	ND
HCFC-142	338-65-8	禁用	µg/g	1	ND
HCFC-225ca	422-56-0	禁用	µg/g	1	ND
HCFC-151	762-50-5	禁用	µg/g	1	ND
HCFC-225cb	507-55-1	禁用	µg/g	1	ND
HCFC-226	431-87-8	禁用	µg/g	1	ND
HCFC-231	421-94-3	禁用	µg/g	1	ND
HCFC-232	460-89-9	禁用	µg/g	1	ND
HCFC-233	7125-84-0	禁用	µg/g	1	ND
HCFC-234	425-94-5	禁用	µg/g	1	ND
HCFC-235	460-92-4	禁用	µg/g	1	ND
HCFC-225	141563-84-0	禁用	µg/g	1	ND
HCFC-241	666-27-3	禁用	µg/g	1	ND
HCFC-242	460-63-9	禁用	µg/g	1	ND
HCFC-243	338-75-0	禁用	µg/g	1	ND
HCFC-244	679-85-6	禁用	µg/g	1	ND
HCFC-251	421-41-0	禁用	µg/g	1	ND
HCFC-252	819-00-1	禁用	µg/g	1	ND
HCFC-253	460-35-5	禁用	µg/g	1	ND
HCFC-261	7799-56-6	禁用	µg/g	1	ND



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检测项目	CAS No.	限值	单位	MDL	A3
HCFC-271	430-55-7	禁用	µg/g	1	ND
HCFC-262	102738-79-4	禁用	µg/g	1	ND
Halon					
Halon 1211	353-59-3	禁用	µg/g	1	ND
Halon 1301	75-63-8	禁用	µg/g	1	ND
Halon 2402	124-73-2	禁用	µg/g	1	ND
HBFC					
CHF ₂ Br	1511-62-2	禁用	µg/g	1	ND
CH ₂ FBr	373-52-4	禁用	µg/g	1	ND
C ₂ HFBr ₄	-	禁用	µg/g	1	ND
C ₂ HF ₂ Br ₃	-	禁用	µg/g	1	ND
C ₂ HF ₃ Br ₂	354-04-1	禁用	µg/g	1	ND
C ₂ HF ₄ Br	-	禁用	µg/g	1	ND
C ₂ H ₂ FBr ₃	-	禁用	µg/g	1	ND
C ₂ H ₂ F ₂ Br ₂	75-82-1	禁用	µg/g	1	ND
C ₂ H ₂ F ₃ Br	421-06-7	禁用	µg/g	1	ND
C ₂ H ₃ FBr ₂	-	禁用	µg/g	1	ND
C ₂ H ₃ F ₂ Br	359-07-9	禁用	µg/g	1	ND
C ₂ H ₄ FBr	762-49-2	禁用	µg/g	1	ND
C ₃ HFBr ₆	-	禁用	µg/g	1	ND
C ₃ HF ₂ Br ₅	-	禁用	µg/g	1	ND
C ₃ HF ₃ Br ₄	-	禁用	µg/g	1	ND
C ₃ HF ₄ Br ₃	-	禁用	µg/g	1	ND
C ₃ HF ₅ Br ₂	-	禁用	µg/g	1	ND
C ₃ HF ₆ Br	-	禁用	µg/g	1	ND
C ₃ H ₂ FBr ₅	-	禁用	µg/g	1	ND
C ₃ H ₂ F ₂ Br ₄	-	禁用	µg/g	1	ND
C ₃ H ₂ F ₃ Br ₃	-	禁用	µg/g	1	ND
C ₃ H ₂ F ₄ Br ₂	-	禁用	µg/g	1	ND
C ₃ H ₂ F ₅ Br	-	禁用	µg/g	1	ND
C ₃ H ₃ F ₃ Br ₂	-	禁用	µg/g	1	ND
C ₃ H ₃ F ₄ Br	-	禁用	µg/g	1	ND
C ₃ H ₄ FBr ₃	-	禁用	µg/g	1	ND
C ₃ H ₄ F ₂ Br ₂	-	禁用	µg/g	1	ND
C ₃ H ₄ F ₃ Br	-	禁用	µg/g	1	ND
C ₃ H ₅ FBr ₂	-	禁用	µg/g	1	ND
C ₃ H ₅ F ₂ Br	-	禁用	µg/g	1	ND
C ₃ H ₆ FBr	-	禁用	µg/g	1	ND
Others					
Dibromofluoromethane	1868-53-7	禁用	µg/g	1	ND
Methyl bromide	74-83-9	禁用	µg/g	1	ND
Bromochloromethane	74-97-5	禁用	µg/g	1	ND
HFC					
HFC-23	75-46-7	禁用	µg/g	1	ND



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HFC-32	75-10-5	禁用	µg/g	1	ND
HFC-41	593-53-3	禁用	µg/g	1	ND
HFC-43-10mee	138495-42-8	禁用	µg/g	1	ND
HFC-125	354-33-6	禁用	µg/g	1	ND
HFC-134	359-35-3	禁用	µg/g	1	ND
HFC-134a	811-97-2	禁用	µg/g	1	ND
HFC-152a	75-37-6	禁用	µg/g	1	ND
HFC-143	420-46-2	禁用	µg/g	1	ND
HFC-143a	430-66-0	禁用	µg/g	1	ND
HFC-227ea	431-89-0	禁用	µg/g	1	ND
HFC-236 cb	677-56-5	禁用	µg/g	1	ND
HFC-236ea	431-63-0	禁用	µg/g	1	ND
HFC-236fa	690-39-1	禁用	µg/g	1	ND
HFC-245ca	679-86-7	禁用	µg/g	1	ND
HFC-245fa	460-73-1	禁用	µg/g	1	ND
HFC-365mfc	406-58-6	禁用	µg/g	1	ND
PFC					
Perfluoromethane	75-73-0	禁用	µg/g	1	ND
Perfluoroethane	76-16-4	禁用	µg/g	1	ND
Perfluoropropane	76-19-7	禁用	µg/g	1	ND
Perfluorobutane	355-25-9	禁用	µg/g	1	ND
Perfluoropentane	678-26-2	禁用	µg/g	1	ND
Perfluorohexane	355-42-0	禁用	µg/g	1	ND
Perfluorocyclobutane	115-25-3	禁用	µg/g	1	ND
CHC					
1,3-dichloropropane	142-28-9	禁用	µg/g	1	ND
2,2-dichloropropane	594-20-7	禁用	µg/g	1	ND
Carbon tetrachloride	56-23-5	禁用	µg/g	1	ND
chloroethane	75-00-3	禁用	µg/g	1	ND
Chloroform	67-66-3	禁用	µg/g	1	ND
chloromethane	74-87-3	禁用	µg/g	1	ND
Cis-1,2-dichloroethene	156-59-2	禁用	µg/g	1	ND
Cis-1,3-dichloropropene	10061-01-5	禁用	µg/g	1	ND
Hexachlorobutadiene	87-68-3	禁用	µg/g	1	ND
Methylene chloride	75-09-2	禁用	µg/g	1	ND
Tetrachloroethene	127-18-4	禁用	µg/g	1	ND
Trans-1,2-dichloroethene	156-60-5	禁用	µg/g	1	ND
Trans-1,3-dichloropropene	10061-02-6	禁用	µg/g	1	ND
Trichloroethylene	79-01-6	禁用	µg/g	1	ND
1,1,1,2-tetrachloroethane	630-20-6	禁用	µg/g	1	ND
1,1,1-trichloroethane	71-55-6	禁用	µg/g	1	ND
1,1,2,2-tetrachloroethane	79-34-5	禁用	µg/g	1	ND
1,1,2-trichloroethane	79-00-5	禁用	µg/g	1	ND



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检测报告

编号: SHAEC24017198604

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检测项目	CAS No.	限值	单位	MDL	A3
1,1-dichloroethane	75-34-3	禁用	µg/g	1	ND
1,1-dichloroethene	75-35-4	禁用	µg/g	1	ND
1,1-dichloropropene	563-58-6	禁用	µg/g	1	ND
1,2,3-trichloropropane	96-18-4	禁用	µg/g	1	ND
1,2-dichloroethane	107-06-2	禁用	µg/g	1	ND
1,2-dichloropropane	78-87-5	禁用	µg/g	1	ND
CFC					
C ₃ F ₆ Cl ₂	1652-80-8	禁用	µg/g	1	ND
六氟化硫(SF ₆)	2551-62-4	禁用	µg/g	1	ND
HFC					
HFC-161	353-36-6	禁用	µg/g	1	ND
HCFC-224	422-54-8	禁用	µg/g	1	ND
结论					符合

备注:

(1) 最大允许限值来源于客户要求。

苯并三唑类紫外吸收剂

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

检测项目	CAS No.	限值	单位	MDL	A2
2-苯并三唑-2-基-4,6-二叔丁基苯酚(UV 320)	3846-71-7	禁用	mg/kg	5	ND
2-(2H-苯并三唑-2-基)-4,6-二叔戊基苯酚(UV 328)	25973-55-1	禁用	mg/kg	5	ND
结论					符合

备注:

(1) 最大允许限值来源于客户要求。

欧盟法规(EC) No 1907/2006 REACH 附录 XVII 及其修正法案(EU) 2016/1005 第 6 条-石棉

检测方法: 参考 NIOSH 9000:2015 和 ISO 22262-1:2012, 采用 X 射线衍射仪(XRD)和偏光显微镜(PLM)进行定性分析。

检测项目	CAS No.	限值	单位	MDL	A2	A3
阳起石	77536-66-4	禁用	%(m/m)	0.1	阴性	阴性
铁石棉	12172-73-5	禁用	%(m/m)	0.1	阴性	阴性
直闪石	77536-67-5	禁用	%(m/m)	0.1	阴性	阴性
温石棉	12001-29-5 /132207-32-0	禁用	%(m/m)	0.1	阴性	阴性
青石棉	12001-28-4	禁用	%(m/m)	0.1	阴性	阴性
透闪石	77536-68-6	禁用	%(m/m)	0.1	阴性	阴性
结论					符合	符合



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备注:

(1) 阴性=未检出石棉, 阳性=检出石棉

欧盟法规(EC) No 1907/2006 Reach 附录 XVII 的修正指令(EC) No 276/2010 第 20 条 - 有机锡化合物

检测方法: 参考 ISO 17353:2004, 采用 GC-MS 进行分析。

检测项目	限值	单位	MDL	A2	A3
按 TBT (三丁基锡) 换算回锡的含量	-	%	0.01	ND	ND
按 TPhT (三苯基锡) 换算回锡的含量	-	%	0.01	ND	ND
按 TCyT (三环己基锡) 换算回锡的含量	-	%	0.01	ND	ND
按 TOT (三辛基锡) 换算回锡的含量	-	%	0.01	ND	ND
按 TPT (三丙基锡) 换算回锡的含量	-	%	0.01	ND	ND
按 TMT (三甲基锡) 换算回锡的含量	-	%	0.01	ND	ND
三代有机锡化合物换算锡含量	0.1	%	-	ND	ND
按 DBT (二丁基锡)换算回锡的含量	0.1	%	0.01	ND	ND
按 DOT (二辛基锡) 换算回锡的含量	0.1	%	0.01	ND	ND
结论				符合	符合

欧盟 POPs 法规 (EU) 2019/1021 附录 I 及其修正法规(EU) 2023/1608-全氟己烷磺酸(PFHxS)及其盐和相关化合物

检测方法: 优化的 EN 17681-1:2022 和 EN 17681-2:2022, 采用 LC-MS 或 LC-MS/MS 和 GC-MS 进行分析。

检测项目	CAS No.	限值	单位	MDL	A2
PFHxS 及其盐					
全氟己基磺酸 (PFHxS), 及其盐 [^]	355-46-4	0.025	mg/kg	0.010	ND
PFHxS 相关化合物					
N-甲基全氟-1-己磺酰胺 (N-Me-PFHxSA)	68259-15-4	1	mg/kg	0.010	ND
全氟己烷磺酰胺 (PFHxSA)	41997-13-1	1	mg/kg	0.010	ND
N-[3-(二甲基氨基)丙基]十三氟己烷磺酰胺 (N-AP-FHxSA)	50598-28-2	1	mg/kg	0.010	ND
2-[甲基[(十三氟己基)磺酰基]氨基]乙基丙烯酸酯 (N-MeFHSEA)	67584-57-0	1	mg/kg	0.200	ND
2-[甲基[(十三氟己基)磺酰基]氨基]乙基甲基丙烯酸酯	67584-61-6	1	mg/kg	0.200	ND
2-[乙基[(十三氟己基)磺酰基]氨基]乙基甲基丙烯酸酯	67906-70-1	1	mg/kg	0.200	ND
十三氟-N-(2-羟基乙基)-N-甲基己烷磺酰胺 (MeFHxSE)	68555-75-9	1	mg/kg	0.010	ND
N-乙基-N-[(十三氟己基)磺酰基]甘氨酸 (EtFHxSAA), 及其盐 [^]	68957-32-4	1	mg/kg	0.010	ND
PFHxS 相关化合物总和	-	1	mg/kg	-	ND



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检测项目	CAS No.	限值	单位	MDL	A2
结论					符合

检测项目	CAS No.	限值	单位	MDL	A3
PFHxS 及其盐					
全氟己基磺酸 (PFHxS), 及其盐 [^]	355-46-4	0.025	mg/kg	0.010	ND
PFHxS 相关化合物					
N-甲基全氟-1-己磺酰胺 (N-Me-PFHxSA)	68259-15-4	1	mg/kg	0.010	ND
全氟己烷磺酰胺 (PFHxSA)	41997-13-1	1	mg/kg	0.010	ND
N-[3-(二甲基氨基)丙基]十三氟己烷磺酰胺 (N-AP-FHxSA)	50598-28-2	1	mg/kg	0.010	ND
2-[甲基[(十三氟己基)磺酰基]氨基]乙基丙烯酸酯 (N-MeFHSEA)	67584-57-0	1	mg/kg	0.200	ND
2-[甲基[(十三氟己基)磺酰基]氨基]乙基甲基丙烯酸酯	67584-61-6	1	mg/kg	0.200	ND
2-[乙基[(十三氟己基)磺酰基]氨基]乙基甲基丙烯酸酯	67906-70-1	1	mg/kg	0.200	ND
十三氟-N-(2-羟基乙基)-N-甲基己烷磺酰胺 (MeFHxSE)	68555-75-9	1	mg/kg	0.010	ND
N-乙基-N-[(十三氟己基)磺酰基]甘氨酸 (EtFHxSAA), 及其盐 [^]	68957-32-4	1	mg/kg	0.010	ND
PFHxS 相关化合物总和	-	1	mg/kg	-	ND
结论					符合

备注:

- (1) 2023 年 8 月 8 日, 欧盟委员会于欧盟官方公报发布(EU)2023/1608 法规, 修订了 2023 年 5 月 30 日发布的法规(EU)2019/1021 附件 I 中关于全氟己烷磺酸(PFHxS)、其盐和 PFHxS 相关化合物清单。

物质	范围	中间用途或其他规范的特殊豁免	生效日期
PFHxS 及其盐	物质或混合物, 物品	≤ 0.025 mg/kg	2023.8.28
PFHxS 相关物质	物质或混合物, 物品	≤ 1 mg/kg (单项或 PFHxS 相关物质总和)	2023.8.28
PFHxS 及其盐和 PFHxS 相关化合物	浓缩消防泡沫混合物	≤ 0.1 mg/kg (3 年内进行审查以降低限值)	2023.8.28

- (2) 本报告中检测的全氟己烷磺酸(PFHxS)及其盐类和 PFHxS 相关化合物参考欧洲化学品管理局的“持久性有机污染物官方清单”, 请通过以下网络链接查找更多信息:

<https://echa.europa.eu/list-of-substances-proposed-as-pops>

- (3) [^]=物质是指下表列出的盐/衍生物

物质名称	CAS No.
PFHxS, 及其盐&衍生物	
全氟己基磺酸(PFHxS)	355-46-4
全氟己基磺酸钠(PFHxS-Na)	82382-12-5
全氟己基磺酸钾(PFHxS-K)	3871-99-6



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全氟己基磺酸锂(1:1)(PFHxS-Li)	55120-77-9
全氟己基磺酸铵(PFHxS-NH ₄)	68259-08-5
全氟己基磺酸三苯基(苯基甲基)-磷鎓盐(PFHxS-BTPP)	1000597-52-3
N,N,N-三丁基丁烷-1-胺全氟己基磺酸盐(PFHxS-N(C ₄ H ₉) ₄)	108427-54-9
N, N,N-三乙基乙胺全氟己基磺酸盐(PFHxS-N(C ₂ H ₅) ₄)	108427-55-0
全氟己基磺酸与四氢吡咯络合物(PFHxS-NC ₄ H ₉)	1187817-57-7
全氟-1-己基磺酸-N-[4-[[4-(二乙基氨基)苯基][4-(乙基氨基)-1-萘基]亚甲基]-2,5-环己二烯-1-亚基]-N-乙基-乙铵盐(PFHxS-(NC ₁₀ H ₁₄) ₃ C ₅ H ₄)	1310480-24-0
全氟-1-己基磺酸-N-[4-[[4-(二甲基氨基)苯基][4-(乙基氨基)-1-萘基]亚甲基]-2,5-环己二烯-1-亚基]-N-甲基-甲基铵盐(PFHxS-(NC ₈ H ₁₀) ₂ C ₁₃ H ₁₂)	1310480-27-3
全氟-1-己基磺酸-N-[4-[[4-(二甲基氨基)苯基][4-(苯基氨基)-1-萘基]亚甲基]-2,5-环己二烯-1-亚基]-N-甲基-甲基铵盐(PFHxS-(NC ₈ H ₁₀) ₂ C ₁₇ H ₁₂)	1310480-28-4
全氟己基磺酸与 β-环糊精络合物(PFHxS-C ₄₂ H ₇₀ O ₃₅)	1329995-45-0
全氟己基磺酸与 γ-环糊精络合物(PFHxS-C ₄₈ H ₈₀ O ₄₀)	1329995-69-8
全氟己基磺酸三苯基硫鎓盐(TPS-PFHxS)	144116-10-9
全氟己基磺酸喹啉, 1-(羧甲基)-4-[2-[4-[4-(2,2-二苯基噻吩基)苯基]-1,2,3a,4,8b-六氢环戊并[b]呋喃-7-基]乙烯基]盐(PFHxS-C ₄₄ H ₃₇ N ₂ O ₂)	1462414-59-0
全氟己基磺酸二苯基碘鎓盐(PFHxS-I(C ₆ H ₅) ₂)	153443-35-7
N,N,N-三甲基-全氟己基磺酸甲基铵盐(PFHxS-TMA)	189274-31-5
全氟己基磺酸与 2-甲基-2-丙胺络合物(1:1)(PFHxS-NH ₂ (CH ₃) ₃)	202189-84-2
全氟己基磺酸双[4-(1,1-二甲基乙基)苯基]碘鎓盐(PFHxS-I(C ₆ H ₄) ₂ (C ₄ H ₉) ₂)	213740-81-9
全氟己基磺酸镓(9Cl)(PFHxS-Ga)	341035-71-0
全氟己基磺酸双(4-甲基苯基)苯基硫鎓盐(1:1)(PFHxS-S(C ₇ H ₇) ₂ C ₆ H ₅)	341548-85-4
全氟己基磺酸钪(PFHxS-Sc)	350836-93-0
全氟己基磺酸钕(PFHxS-Nd)	41184-65-0
全氟己基磺酸钇(PFHxS-Y)	41242-12-0
全氟己基磺酸(硫代二-4,1-亚苯基)双[二苯基]硫鎓盐(PFHxS-S ₃ (C ₆ H ₅) ₄ (C ₆ H ₄) ₂)	421555-73-9
全氟己基磺酸双[4-(1,1-二甲基丙基)苯基]碘鎓盐(PFHxS-I(C ₆ H ₄) ₂ (C ₅ H ₁₁) ₂)	421555-74-0
全氟己基磺酰氟(PFHxS-F)	423-50-7



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全氟己基磺酸三[4-(1,1-二甲基乙基)苯基]硫鎓盐(PFHxS-S(C ₆ H ₄) ₃ (C ₄ H ₉) ₃)	425670-70-8
全氟己基磺酸锌(PFHxS-Zn)	70136-72-0
全氟己基磺酸与 2,2'-亚氨基二乙醇络合物(PFHxS-NH(C ₂ H ₅ O) ₂)	70225-16-0
全氟己基磺酸与三乙胺络合物(1:1)(PFHxS-N(C ₂ H ₅) ₃)	72033-41-1
全氟己基磺酸双[(1,1-二甲基乙基)苯基]碘鎓盐(PFHxS-I(C ₆ H ₄) ₂ (C ₄ H ₉) ₂)	866621-50-3
全氟己基磺酸(4-甲基苯基)二苯硫鎓盐(PFHxS-S(C ₆ H ₅) ₂ C ₇ H ₇)	910606-39-2
全氟己基磺酸[4-[(2-甲基-1-氧代-2-丙烯酰)氧基]苯基]二苯基硫鎓盐(PFHxS-S(C ₆ H ₅) ₂ C ₁₀ H ₉ O ₂)	911027-68-4
全氟己基磺酸铯(1:1)(PFHxS-Cs)	92011-17-1
二苯并[k,n][1,4,7,13]四氧杂硫环戊二烯,19-[4-(1,1-二甲基乙基)苯基]-6,7,9,10,12,13-六氢-,全氟己基磺酸盐(PFHxS-SC ₂₈ H ₃₁ O ₄)	928049-42-7
全氟己基磺酰氯(PFHxS-Cl)	55591-23-6
PFHxS-磺酸酯聚合物	911027-69-5
全氟己基磺酸盐	108427-53-8
全氟己基磺酸四丁基磷 (PFHxS-P(C ₄ H ₉) ₄)	2310194-12-6
EtFHxSAA, 及其盐	
N-乙基-N-[(十三氟己基)磺酰基]甘氨酸(EtFHxSAA)	68957-32-4
N-乙基-N-[(十三氟己基)磺酰基]甘氨酸钾(EtFHxSAA-K)	67584-53-6
N-乙基-N-[(十三氟己基)磺酰基]甘氨酸钠(EtFHxSAA-Na)	68555-70-4

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。

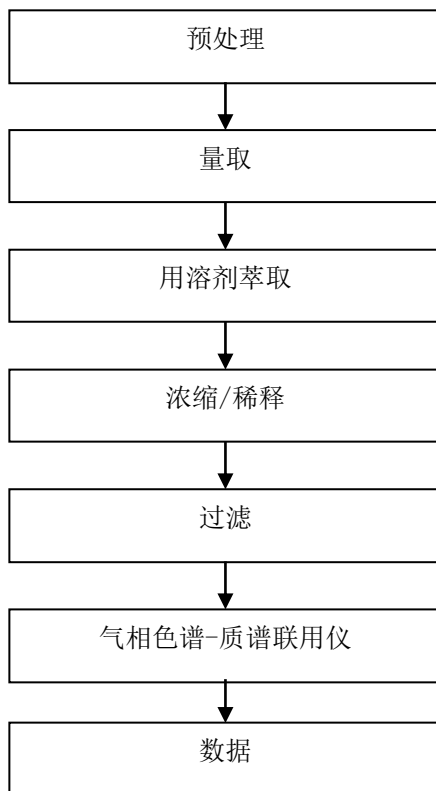


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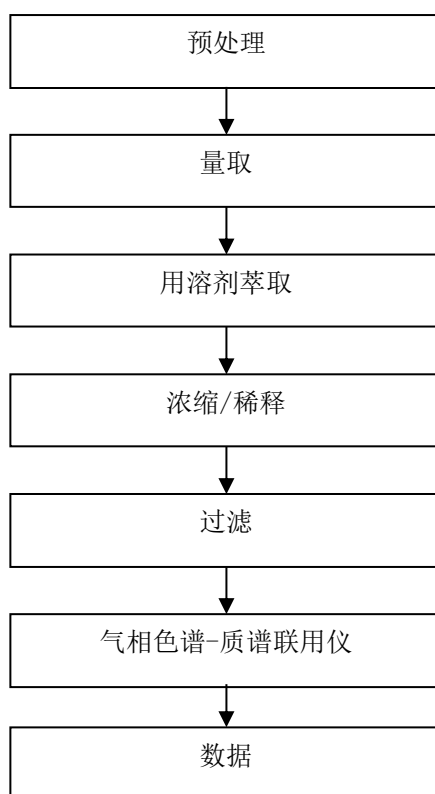
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PCT 检测流程图



Benzotriazole 检测流程图



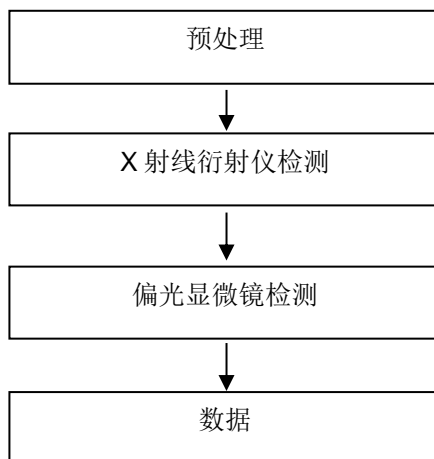
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Asbestos 检测流程图

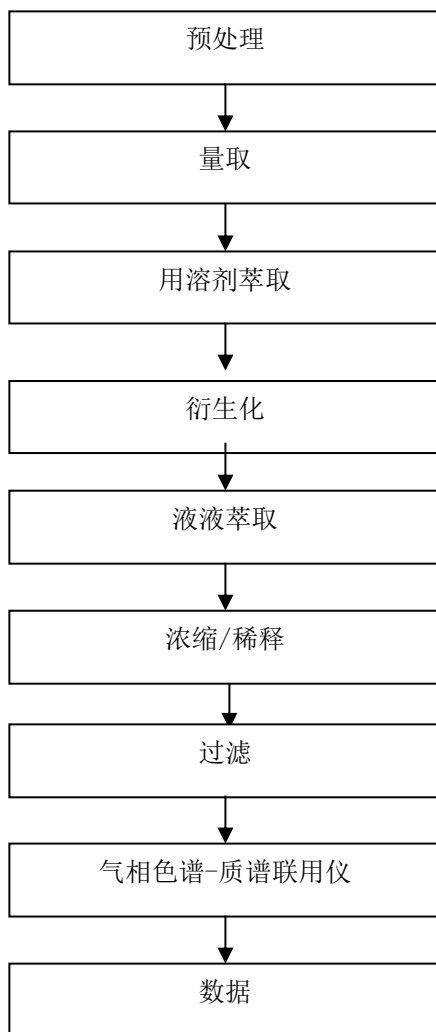


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有机锡检测流程图



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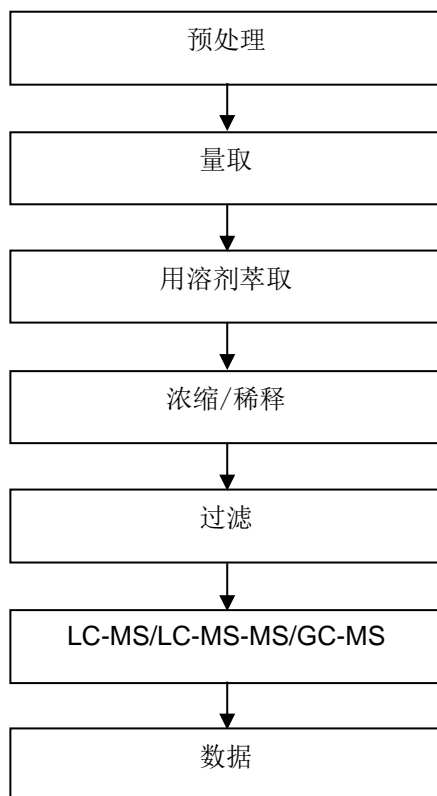
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PFASs/ PFOS/PFOA 检测流程图



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检测报告

编号: SHAEC24017198604

日期: 2024 年 08 月 08 日

第 17 页, 共 18 页

样品照片:



检测报告

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第 18 页, 共 18 页

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