

检测报告 编号: CANEC24025226852 日期: 2024年11月26日 第1页,共7页

客户名称: 深圳琦富瑞电子有限公司

客户地址: 深圳市光明新区公明街道楼村社区鲤鱼河工业园振兴路 5 号

样品名称: XLPO wire and cable

型号: UL3321 16AWG 黑色 UL3321 22AWG 白色 UL3266 14AWG 红色

客户参考信息: 请见附件

以上样品及信息由客户提供。

SGS 工作编号: SZP24-049571

样品接收时间: 2024年11月12日

检测周期: 2024年11月12日~2024年11月26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
全氟辛酸(PFOA)及其盐和全氟辛烷磺酸(PFOS)及其衍生物	见检测结果

通标标准技术服务有限公司广州分公司 授权签名

李敖

Jessie-JX Li 李嘉欣 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	A1+A2+A3	CAN24-0252268-0002	黑色塑胶外皮 A1+ 白色塑胶外皮 A2+ 红 色塑胶外皮 A3

备注:

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

全氟辛酸(PFOA)及其盐和全氟辛烷磺酸(PFOS)及其衍生物

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

检测项目	CAS No.	单位	MDL	A1+A2+A3
PFOS 及其盐和相关物质				
全氟辛烷磺酸 (PFOS), 及其盐^	1763-23-1	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), 及其盐^	754-91-6	mg/kg	0.010	ND
N-(全氟-1-辛烷磺酰基)甘氨酸 (FOSAA), 及其盐^	2806-24-8	mg/kg	0.010	ND
N-甲基-N-(全氟-1-辛烷磺酰基)甘氨酸 (N-MeFOSAA), 及其盐^	2355-31-9	mg/kg	0.010	ND
N-乙基-N-(全氟-1-辛烷磺酰基)甘氨酸 (N-EtFOSAA), 及其盐^	2991-50-6	mg/kg	0.010	ND
全氟辛烷磺酸 (PFOS)及其衍生物	-	mg/kg	-	ND
PFOA, 及其盐				
全氟辛酸 (PFOA), 及其盐^	335-67-1	mg/kg	0.010	ND

备注:

1. ~=物质是指附表中列出的盐/衍生物。

物质名称	CAS No.
PFOS, 及其盐&衍生物	
全氟辛烷磺酸(PFOS)	1763-23-1
全氟辛基磺酸钾(PFOS-K)	2795-39-3



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州 5: CANECZ4023220032 日郊: 2024 午 117	7 20 日 第 3 月
全氟辛基磺酸锂(PFOS-Li)	29457-72-5
全氟辛基磺酸钠(PFOS-Na)	4021-47-0
全氟辛基磺酸铵(PFOS-NH4)	29081-56-9
全氟辛基磺酸二乙醇铵(PFOS-NH ₂ (C ₂ H ₄ OH) ₂)	70225-14-8
全氟辛基磺酸四乙基铵(PFOS-N(C ₂ H ₅) ₄)	56773-42-3
全氟辛基磺酸二癸二甲基铵(PFOS-N(C10H21)2(CH3)2)	251099-16-8
全氟辛基磺酸四丁基铵(PFOS-N(C4H9)4)	111873-33-7
全氟辛基磺酰氟(PFOS-F)	307-35-7
双[十七氟辛烷磺酸]镁(PFOS-Mg)	91036-71-4
全氟辛烷磺酸哌啶	71463-74-6
全氟辛烷磺酸盐	45298-90-6
全氟辛烷磺酸三乙基铵(PFOS-N(C ₂ H ₅) ₃)	54439-46-2
全氟辛烷磺酸四甲基铵(PFOS-N(CH ₃) ₄)	56773-44-5
N, N,N-三丙基戊烷-1-七氟辛烷-1-磺酸铵(PFOS-N(C3H7)3(C5H11))	56773-56-9
N,N-二丁基-N-甲基丁烷-1-胺十七氟辛烷-1-磺酸酯(PFOS-N(C4H9)3(CH3))	124472-68-0
双[4-(1,1-二甲基乙基)苯基]-碘鎓与全氟-1-辛烷磺酸的盐(1:1)	213740-80-8
全氟-1-辛烷磺酸二苯基(2,4,6-三甲基苯基)锍	258341-99-0
全氟-1-辛烷磺酸 1-十六烷基吡啶鎓	334529-63-4
N,N,N-三乙基癸-1-胺十七氟辛烷-1-磺酸盐	773895-92-4
全氟辛烷磺酸四丁基鏻 (PFOS-P (C ₄ H ₉) ₄))	2185049-59-4
全氟辛基磺酸二乙胺 (PFOS-C ₄ H ₁₁ N)	2205029-08-7
全氟辛基磺酸庚基二甲基-[2-(2-甲基丙-2-烯酰氧基)乙基]胺 (PFOS-C ₁₅ H ₃₀ NO ₂)	1203998-97-3
全氟辛基磺酸酐(PFOSAN)	423-92-7
FOSAA, 及其盐	
N-(全氟-1-辛烷磺酰基)甘氨酸(FOSAA)	2806-24-8
全氟辛烷磺酰氨基乙酸盐 (FOSAA(anion))	909405-47-6
全氟辛烷磺酰氨基乙酸钾 (FOSAA-K)	75260-69-4
全氟辛烷磺酰氨基乙酸钠 (FOSAA-Na)	115716-87-5
N-MeFOSAA, 及其盐	
N-甲基-N-(全氟-1-辛烷磺酰基)甘氨酸 (N-MeFOSAA)	2355-31-9
N-(十七氟辛基磺酰基)-N-甲基甘氨酸盐 (N-Me-FOSAA(anion))	909405-48-7
N-(十七氟辛基磺酰基)-N-甲基甘氨酸钾 (N-Me-FOSAA-K)	70281-93-5
N-EtFOSAA, 及其盐	,
N-乙基-N-(全氟-1-辛烷磺酰基)甘氨酸(N-EtFOSAA)	2991-50-6
N-乙基-N-[(十七烷氟辛基)磺酰基]-甘氨酸钾盐 (N-Et-FOSAA-K)	2991-51-7
N-乙基-N-((十七氟辛基)磺酰基)甘氨酸盐 (N-Et-FOSAA(anion))	909405-49-8
N-乙基-N-((十七氟辛基)磺酰基)甘氨酸铵 (N-Et-FOSAA-NH4)	2991-52-8



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N-乙基-N-((十七氟辛基)磺酰基)甘氨酸钠 (N-Et-FOSAA-Na)	3871-50-9
PFOSA, 及其盐	·
全氟辛基磺酰胺(PFOSA)	754-91-6
全氟辛基磺酰胺锂盐(1:1)(PFOSA-Li)	76752-79-9
全氟辛基磺酰胺钠盐 (1:1) (PFOSA-Na)	76752-78-8
全氟辛基磺酰胺钾盐 (1:1) (PFOSA-K)	76752-70-0
全氟辛基磺酰胺铵盐 (1:1) (PFOSA-NH4)	76752-72-2
全氟辛基磺酰胺三乙胺 (PFOSA-C ₆ H ₁₅ N)	76752-82-4
PFOA, 及其盐&衍生物	
全氟辛酸(PFOA)	335-67-1
全氟辛酸钠(PFOA-Na)	335-95-5
全氟辛酸钾(PFOA-K)	2395-00-8
全氟辛酸银(PFOA-Ag)	335-93-3
全氟辛酰氟(PFOA-F)	335-66-0
全氟辛酸铵(APFO)	3825-26-1
全氟辛酸锂(PFOA-Li)	17125-58-5
全氟辛酸钴(PFOA-Co)	35965-01-6
全氟辛酸铯(PFOA-Cs)	17125-60-9
全氟辛酸铬(3+) (PFOA-Cr(3+))	68141-02-6
全氟辛酸-哌嗪(2:1) (PFOA-NH(C ₄ H ₁₀ N))	423-52-9
全氟辛酸盐	45285-51-6
全氟辛酸酐	33496-48-9
全氟辛酸四乙基胺	98241-25-9
全氟辛酸四甲基胺	32609-65-7
全氟辛酸四丙基胺	277749-00-5
全氟辛酸钾水合物 (PFOA-K(H ₂ O) ₂)	98065-31-7
全氟辛酸乙胺 (PFOA-C ₂ H ₇ N)	1376936-03-6
全氟辛酸吡啶 (PFOA-CsHsN)	95658-47-2
全氟辛酸苯基哌嗪 (PFOA-C ₁₀ H ₁₄ N ₂)	1514-68-7
全氟辛酸辛基三甲基铵 (PFOA-C ₁₁ H ₂₆ N)	927835-01-6

备注:样品的检测是基于申请人要求混合检测,报告中的混合检测结果不代表其中个别单一材质的含量,该检测数据仅供参考。

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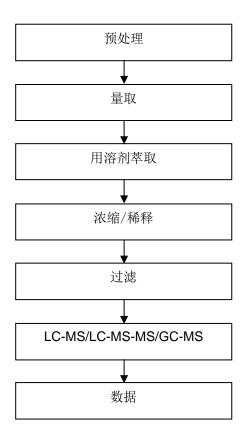
检测报告 附件

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PFASs/ PFOS/PFOA 检测流程图





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附件:

1385、1505、1764、2679、3194、3195、3196、3199、3302、3312、3368、3376、 3377、3385、3456、3463、3464、3564、3167、3173、3182、3236、3265、3266、 3271、3288、HP3239、3289、3290、3295、3297、3298、3300、3301、3320、3321、 3328、3331、3343、3344、3346、3351、3352、3386、3398、3415、3417、3423、 3424、3435、3436、3440、3447、3448、3469、3472、3473、3485、3491、3492、 3505、3569、3584、3596、3597、3598、3599、3613、3633、3688、3691、4413、 10368、10193、10266、1914、2951、10530、20346、3406、3613、3633、3816、 3817、10267、RHH、XHHW、RHW-2、SIS、XHH、XHHW、XHHW-2、QFR-10634、 QFR-11092、FLR12Y、FLR13Y、QB-C、QB-D、FL2X、FLR2X、FLR31Y、FLU2X-A、 FHLR2X-B、FLR21X-A、QFR-XNY、EEHX、FHLR91X-A、FHLR91X-B、FLR2Y-A、 QCB-C、ATEEX、WXC、HDPE、FL2Y、QFR-0815,QFR-125、GXL、SXL、TXL、SGX、 GPTH、JYJ-125、JYJ-150、AEX、AESSX、H05Z-K、 H07Z-K、QFR-0818、QFR-1011、 QFR-1412、QFR-1920、WDZ-YJY、QFR-1920、JET3173、JET3266、JET3385、JET3386、 JET10368、JET1385、MIL-W-81044-6、MIL-W-81044-12、16878-10E、16878-14B、 16878-15B、16878-16C、16878-36、QBJ-C、DCEK、CHFUS、EV、FHLR9Y、FLALR2X、 T3、FL42X、E-105/T, TX, TY, YN/XLPO 150V,300V,600V; E-125/TX, TY, YN/XLPO 150V,300V,600V; E-150/TX, TY,TN/XLPO 150V,300V,600V; CQC XLPE WIRE; AND XLPE TUBE AND XLPE WIRE AND CABLE SERIES



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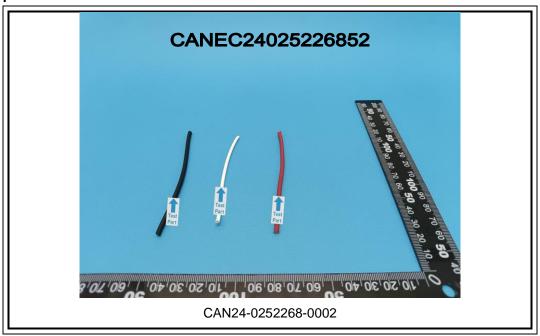


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