

st Report	No.:	CANEC23008164007	Date:	Aug 29, 2023	B Page 1 of 9
Client Name:	UNIROYAL EL	ECTRONICS INDUSTRY(I	KUNSHAN) C	O.,LTD.	
	88 LONGTEN CITY, JIANGS	G ROAD, ECONOMIC & TE U, CHINA	CHNICAL D	EVELOPMEN	Γ ZONE, KUNSHAN
Sample Name:	Μ	etal Oxide Film Fixed Resi	stors		
Buyer:	U	niroyal Electronics Global (	Co.,Ltd		
Supplier: Uniroyal Electronics Industry Co., Ltd Aeon Technology Corporation Co.,Ltd Royal Electronic Factory (Thailand) Co.,Ltd Royal Technology (Thailand) Co.,Ltd UNUS TECHNOLOGY CORPORATION The above sample(s) and information were provided by the client.					
SGS Job No.:	х	MP23-000271			
Sample Receivir	ng Date: A	ug 15, 2023			
Testing Period:	А	ug 15, 2023 ~ Aug 23, 2023	3		
Test Requested:	S	elect test(s) as requested b	y the client.		
Test Method(s):	Р	lease refer to next page(s).			
Test Result(s):	Р	lease refer to next page(s).			
Test Requirem					Conclusion
European Regu and its amendr		nt organic pollutants (POP	s) (EU) 2019/	1021	See Results

Signed for and on behalf of SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

kelly Qu

Kelly Qu Approved Signatory





Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction form exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Attention: To check the authenticity of testing inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN\_Doccheck@ess.com

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guargabou, Guargabou

t (86–20) 82155555 www.sgsgroup.com.cn t (86–20) 82155555 sgs.china@sgs.com



# **Test Report**

# No.: CANEC23008164007

## Date: Aug 29, 2023

# Test Result(s):

Test Part Description:

SN	1 ID	Sample No.	SGS Sample ID	Description
S	N1	A4	CAN23-0081640-0001.C004	Blue body with multicolor printing

Remarks:

(1) 1 mg/kg = 1 ppm = 0.0001%

(2) MDL = Method Detection Limit

(3) ND = Not Detected (< MDL)

(4) "-" = Not Regulated

#### European Regulation Persistent organic pollutants (POPs) (EU) 2019/1021 and its amendments

Test Method: SGS In-House method - Analyzed by Gas Chromatography - Mass Spectrometry (GC-MS), Gas Chromatography - Electro Capture Detector (GC-ECD), High Performance Liquid Chromatography - Diode Array Detector - Mass Spectrometry (HPLC-DAD-MS) or Liquid Chromatography - Mass /Mass Spectrometry (LC-MS/MS).

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A4
Tetrabromodiphenyl ether	40088-47-9 and others	-	mg/kg	5	ND
Pentabromodiphenyl ether	32534-81-9 and others	-	mg/kg	5	ND
Hexabromodiphenyl ether	36483-60-0 and others	-	mg/kg	5	ND
Heptabromodiphenyl ether	68928-80-3 and others	-	mg/kg	5	ND
Decabromodiphenyl ether; (decaBDE)	1163-19-5	-	mg/kg	5	ND
Sum of PBDEs*	-	500	mg/kg	-	ND
Perfluorooctane sulfonates (PFOS) and its derivatives	-	1000	mg/kg	-	ND
Perfluorooctane sulfonates (PFOS) and its salts*	-	-	mg/kg	0.010	ND
N-ethylperfluoro-1-octanesulfonamide (N-EtFOSA)	4151-50-2	-	mg/kg	0.010	ND
N-methylperfluoro-1-octanesulfonamide (N-MeFOSA)	31506-32-8	-	mg/kg	0.010	ND
2-(N-ethylperfluoro-1- octanesulfonamido)-ethanol (N-EtFOSE)	1691-99-2	-	mg/kg	0.010	ND
2-(N-methylperfluoro- 1- octanesulfonamido) -ethanol (N- MeFOSE)	24448-09-7	-	mg/kg	0.010	ND
Perfluorooctane sulfonamide (PFOSA)	754-91-6	-	mg/kg	0.010	ND
Hexachlorobenzene	118-74-1	10	mg/kg	5	ND
Pentachlorobenzene	608-93-5	Prohibite d	mg/kg	5	ND
Polychlorinated biphenyls (PCB)	1336-36-3 and others	Prohibite d	mg/kg	5	ND
Hexabromodiphenyl	36355-01-8	Prohibite d	mg/kg	5	ND



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.sgs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443, or email: CN.Doccheck@aso.com

No.198, Kazhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 中国・广东・广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86–20) 82155555 www.sgsgroup.com.cn t (86–20) 82155555 sgs.china@sgs.com



t Report No.: CANEC23008164007		Date: Aug 29, 2023			Page 3	
Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A4	
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α-HBCDD, β-HBCDD, γ-HBCDD)	134237-50-6, 134237-51-7, 134237-52-8, 25637-99-4, 3194-55-6	100	mg/kg	20	ND	
Hexachlorobutadiene	87-68-3	Prohibite d	mg/kg	5	ND	
Pentachlorophenol (PCP) and its salts and esters	87-86-5 and others	5	mg/kg	0.5	ND	
Polychlorinated naphthalenes (PCN)	70776-03-3 and others	Prohibite d	mg/kg	5	ND	
Alkanes C10-13,chloro(short chain- chlorinated paraffins) (SCCPs)	85535-84-8 and others	1500	mg/kg	50	ND	
Perfluorooctanoic acid (PFOA) and its salts*	-	0.025	mg/kg	0.010	ND	
PFOA-related substances	-	1.0	mg/kg	-	ND	
1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTS)	39108-34-4	-	mg/kg	0.010	ND	
Methyl perfluorooctanoate (Me-PFOA)	376-27-2	-	mg/kg	0.1	ND	
Ethyl perfluorooctanoate (Et-PFOA)	3108-24-5	-	mg/kg	0.1	ND	
1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	678-39-7	-	mg/kg	0.1	ND	
1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA)	27905-45-9	-	mg/kg	0.1	ND	
1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA)	1996-88-9	-	mg/kg	0.1	ND	
Perfluoro-1-iodooctane (PFOI)	507-63-1	-	mg/kg	0.1	ND	
2-(2H-benzotriazol-2-yl)-4,6- ditertpentylphenol (UV-328)	25973-55-1	-	mg/kg	5	ND	
Bis(hexachlorocyclopentadieno)cyclooct ane (Dechlorane Plus)	13560-89-9 /135821-03-3 /135821-74-8	-	mg/kg	10	ND	
Perfluorohexanesulfonic acid (PFHxS), its salts <sup>#</sup>	-	0.025	mg/kg	0.010	ND	
Sum of PFHxS-related compounds	-	1	mg/kg	-	ND	
N-Methylperfluoro-1-hexane sulfonamide (N-Me-PFHxSA)	68259-15-4	-	mg/kg	0.010	ND	
Perfluorohexane sulfonamide (PFHxSA)	41997-13-1	-	mg/kg	0.010	ND	
N-[3-(dimethylamino)propyl] tridecafluorohexanesulphonamide (N- AP-FHxSA)	50598-28-2	-	mg/kg	0.010	ND	
2-[methyl[(tridecafluorohexyl) sulphonyl]amino]ethyl acrylate)) (N- MeFHSEA)	67584-57-0	-	mg/kg	0.500	ND	
Conclusion					Pass	

## Notes:

(1) Substances in Annex I of European Regulation POPs (EU) 2019/1021 are prohibited in preparations and



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at https://www.ggs.com/en/Terms-and-Conditions. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Attention: To check the authenticity of testing /inspection reports careful scattering exercises contact us at telephone; (86-75) 8307 1443, or email: CN.Doccheck@segs.com

No.198, Kazhu Road, Science City, Economic & Technological Development Area, Guargzhou, Guargdong, China 510663 中国・广东・广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86–20) 82155555 www.sgsgroup.com.cn t (86–20) 82155555 sgs.china@sgs.com



# Test Report

# No.: CANEC23008164007

Date: Aug 29, 2023

constituents of articles unless otherwise specified.

- (2) Exemptions: Tetrabromodiphenyl ether, pentabromodiphenyl ether, hexabromodiphenyl ether, heptabromodiphenyl ether and decabromodiphenyl ether are ≤ 10 mg/kg for substances, and Sum of tetra-, penta-, hexa-, hepta- and decaBDE ≤500 mg/kg for mixtures or articles, this restriction is subject to subject to review and assessment by the European by 16 July 2021.
- (3) Exemption: Tetrabromodiphenyl ether, pentabromodiphenyl ether, hexabromodiphenyl ether, heptabromodiphenyl ether and decabromodiphenyl ether in electrical and electronic equipment within the scope of Directive 2011/65/EU are exempted.
- (4) Exemption: Alkanes C10-13, chloro (short chain-chlorinated paraffins) (SCCPs) < 1.0% in preparation, <0.15% for articles.
- (5) Exemptions: Perfluorooctane sulfonates (PFOS) and its derivatives (acid, metal salt, halide, amide, and other derivatives including polymers) ≤ 10 mg/kg for preparations, < 0.1% (w/w) for articles and < 1µg/m<sup>2</sup> for textiles and coated materials.
- (6) Exemptions: HBCDD,No more than 100 mg/kg as an unintentional trace contaminant in substances, mixtures, articles or flame-retarded parts of articles.
- (7) Perfluorooctane sulfonates (PFOS) and its salts\* including PFOS (CAS No. 1763-23-1), POSF(CAS No. 307-35-7), PFOS-K (CAS No. 2795-39-3), PFOS-NH<sub>4</sub> (CAS No. 29081-56-9), PFOS-N(C<sub>10</sub>H<sub>21</sub>)<sub>2</sub>(CH<sub>3</sub>)<sub>2</sub> (CAS No. 251099-16-8), PFOS-NH<sub>2</sub>(C<sub>2</sub>H<sub>4</sub>OH)<sub>2</sub> (CAS No. 70225-14-8), PFOS-Li (CAS No. 29457-72-5), PFOS-N(C<sub>2</sub>H<sub>5</sub>)<sub>4</sub> (CAS No. 56773-42-3) and PFOS-Na (CAS No. 4021-47-0). The result of PFOS is used to represent PFOS and its derivatives.
- (8) Perfluorooctanoic acid (PFOA) and its salts\* including 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) and PFOA-F (CAS No. 335-66-0). The result of PFOA is used to represent PFOA and its salts.
- (9) Sum of PBDEs\* Means Sum of Tetrabromodiphenyl ether, Pentabromodiphenyl ether, Hexabromodiphenyl ether, Heptabromodiphenyl ether and Decabromodiphenyl ether.
- (10) The chemical analysis of substances is performed by means of currently available analytical techniques against substances laid down in Test Requested.
- (11) Detected substance(s) may come from one or more components in composite testing. Client is suggested to identify the component(s) and the exact concentration of the substance(s) by requesting further quantitative analysis from the laboratory.
- (12) Commission Delegated Regulation (EU) 2023/1608 of May 30, 2023, amending Annex I to Regulation (EU) 2019/1021 as regards the listing of perfluorohexane sulfonic acid (PFHxS), its salts and PFHxSrelated compounds, Official Journal of the EU, August 8, 2023

Substance Scope		Specific exemption on intermediate	Effective Date	
		use or other specification		
PFHxS and its	Substances,	≤ 0.025 mg/kg	August 28, 2023	
salts	mixtures or articles			
PFHxS-related	Substances,	≤ 1 mg/kg (sum of all PFHxS-related	August 28, 2023	
compounds	mixtures or articles	compounds)	-	
PFHxS, its salts	Concentrated	≤ 0.1 mg/kg (to be reviewed within three	August 28, 2023	
and PFHxS-	firefighting foam	years after entry into force of this	-	
related	mixtures	amending regulation with a view to		
compounds		lower the limit)		

(13)The tested perfluorohexane sulfonic acid (PFHxS), its salts and PFHxS-related compounds in this report comes from the "Listed under the POPs Regulation" of ECHA, please find more information via below weblink: <u>List of substances proposed as POPs - ECHA (europa.eu)</u>



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>https://www.sgs.com/en/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's so responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refor only to the sample(s) tested. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@gs.com http://ts.rft/alimitation.com/standogal@weignentArea,@argdog.Clime 510663 t (86-20) 82155555 www.sggsgroup.com.on mg .ft.s.rft.alimitation.com and the failed and the failed and and and and and and and and and additions of the failed and and additions at the failed and additions of the failed and the failed and the failed and additions of the failed and the failed



# **Test Report**

## No.: CANEC23008164007

Date: Aug 29, 2023

Page 5 of 9

(14)<sup>#</sup> Substances refer to its salts/derivative listed in Appendix 1 Salts of listed PFAS is subjected to the detection of its parent PFAS

## Appendix 1

PFHxS, its salts & derivatives	CAS No.
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4
1-Hexanesulfonic acid, 1,1,2,2,3,3, 4,4,5,5,6,6,6-tridecafluoro-, sodium salt (PFHxS-Na)	82382-12-5
Potassium perfluorohexane-1-sulphonate (PFHxS-K)	3871-99-6
Perfluorohexane Sulfonic acid, lithium salt (PFHxS-Li)	55120-77-9
Perfluorohexane Sulfonic acid, ammonium salt (PFHxS-NH <sub>4</sub> )	68259-08-5
Benzyltriphenylphosphanium tridecafluorohexane-1-sulfonate (PFHxS- BTPP)	1000597-52-3
N,N,N-Tributylbutan-1-aminium tridecafluorohexane-1-sulfonate (PFHxS- $N(C_{40}H_9)_4$ )	108427-54-9
Tetraethylammonium perfluorohexane sulfonate (PFHxS-N(C <sub>2</sub> H <sub>5</sub> ) <sub>4</sub> )	108427-55-0
Tridecafluorohexane-1-sulfonic acid-pyrrolidine (PFHxS-NC <sub>4</sub> H <sub>9</sub> )	1187817-57-7
$4-{[4-(Diethylamino)phenyl][4-(ethylamino)naphthalen-1-yl]methylidene}-N,N-diethylcyclohexa-2,5-dien-1-iminium tridecafluorohexane-1-sulfonate (PFHxS-(NC10H14)3C5H4)$	1310480-24-0
4-{[4-(Dimethylamino)phenyl][4-(ethylamino)naphthalen-1-yl]methylidene}- N,N-dimethylcyclohexa-2,5-dien-1-iminium tridecafluorohexane-1-sulfonate (PFHxS-(NC <sub>8</sub> H <sub>10)2</sub> C <sub>13</sub> H <sub>12</sub> )	1310480-27-3
4-{[4-(Dimethylamino)phenyl][4-(phenylamino)naphthalen-1-yl]methylidene}- N,N-dimethylcyclohexa-2,5-dien-1-iminium tridecafluorohexane-1-sulfonate (PFHxS-(NC <sub>8</sub> H <sub>10</sub> ) <sub>2</sub> C <sub>17</sub> H <sub>12</sub> )	1310480-28-4
Beta-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6- tridecafluorohexane-1-sulfonate (PFHxS-C <sub>42</sub> H <sub>70</sub> O <sub>35</sub> )	1329995-45-0
Gamma-Cyclodextrin, compd. with 1,1,2,2,3,3,4,4,5,5,6,6,6- tridecafluorohexane-1-sulfonate (PFHxS-C <sub>48</sub> H <sub>80</sub> O <sub>40</sub> )	1329995-69-8
Triphenylsulfanium tridecafluorohexane-1-sulfonate (TPS-PFHxS)	144116-10-9
1-(Carboxymethyl)-4-(2-{4-[4-(2,2-diphenylethenyl)phenyl]- 1H,2H,3H,3aH,4H,8bH-cyclopenta[b]indol-7-yl}ethenyl)quinolin-1-ium tridecafluorohexane-1-sulfonate (PFHxS-C44H37N2O2)	1462414-59-0
Diphenyliodanium tridecafluorohexane-1-sulfonate (PFHxS-I(C <sub>6</sub> H <sub>5</sub> ) <sub>2</sub> )	153443-35-7
Tetramethylammonium perfluorohexane sulfonate (PFHxS-TMA)	189274-31-5
Tert-butylazanium;1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluorohexane-1-sulfonate (PFHxS-NH <sub>2</sub> (CH <sub>3</sub> ) <sub>3</sub> )	202189-84-2
Bis(4-tert-butylphenyl)iodanium tridecafluorohexane-1-sulfonate (PFHxS-I(C <sub>6</sub> H <sub>4</sub> ) <sub>2</sub> (C <sub>4</sub> H <sub>9</sub> ) <sub>2</sub> )	213740-81-9
Bis(4-methylphenyl)(phenyl)sulfanium tridecafluorohexane-1-sulfonate (PFHxS-S( $C_7H_7$ ) <sub>2</sub> $C_6H_5$ )	341548-85-4
Sulfonium, (thiodi-4,1-phenylene)bis[diphenyl-, salt with perfluorohexanesulfonic acid (1:2) (PFHxS-S3(C <sub>6</sub> H <sub>5</sub> ) <sub>4</sub> (C <sub>6</sub> H <sub>4</sub> ) <sub>2</sub> )	421555-73-9
Perfluorohexanesulfonic acid, Gallium(3+) salt (3:1) (PFHxS-Ga)	341035-71-0
Perfluorohexanesulfonic acid, Scandium(3+) salt (3:1) (PFHxS-Sc)	350836-93-0
Perfluorohexanesulfonic acid, Neodymium(3+) salt (3:1) (PFHxS-Nd)	41184-65-0
Perfluorohexanesulfonic acid, Yttrium(3+) salt (3:1) (PFHxS-Y)	41242-12-0



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>https://www.sgs.com/en/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN\_Doccheck@gss.com

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 中国・广东・广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86–20) 82155555 www.sgsgroup.com.cn t (86–20) 82155555 sgs.china@sgs.com

# SGS

Test Report	No.: (	CANEC23008164007	Date:	Aug 29, 2023	Pag	ge 6 of 9
Cesium perflu	orohexanes	ulfonate (PFHxS-Cs)			92011-17-1	
Perfluorohexa	nesulfonic a	acid, Zinc salt (PFHxS-Z	n)		70136-72-0	
lodonium, bis[ (PFHxS-I(C₀H		thylpropyl)phenyl]-, perf	luorohexanesu	lfonate (1:1)	421555-74-0	
		fanium tridecafluorohex ·S(C <sub>6</sub> H₄)₃(C₄Hҙ)₃)	ane-1-sulfonate	e (PFHxS-	425670-70-8	
Tridecafluoroh (PFHxS-NH(C	•	onic acid, compound wi	th 2,2'-iminodie	ethanol (1:1)	70225-16-0	
Triethylammor	nium perfluc	prohexane sulfonate (PF	HxS-N(C <sub>2</sub> H <sub>5</sub> ) <sub>3</sub> )	)	72033-41-1	
lodonium, bis[ _acid (1:1) (PFI		ylethyl)phenyl]-, salt witl ₂(C₄H9)₂)	n perfluorohexa	anesulfonic	866621-50-3	
(4-Methylphen S(C <sub>6</sub> H <sub>5</sub> ) <sub>2</sub> C <sub>7</sub> H <sub>7</sub> )		sulfanium tridecafluoroh	exane-1-sulfon	ate (PFHxS-	910606-39-2	
		)oxy]phenyl}diphenylsul fonate (PFHxS-S(C₀H₅):			911027-68-4	
dimethylethyl)	ohenyl]-6,7,	etraoxathiacyclopentad 9,10,12,13-hexahydro-, fonate (1:1) (PFHxS-SC	1,1,2,2,3,3,4,4		928049-42-7	
Perfluorohexy	sulfonyl fluo	oride (PFHxS-F)	·		423-50-7	
Perfluorohexy	sulfonyl chl	oride (PFHxS-CI)			55591-23-6	
1,1,2,2,3,3,4,4 with 2-ethyltric hydroxytricyclo	,5,5,6,6,6,6-ti yclo[3.3.1.1 p[3.3.1.13,7	-oxo-2-propenyl)oxy]ph ridecafluoro-1-hexanesu 3,7]dec-2-yl 2-methyl-2 ]dec-1-yl 2-methyl-2-pro propenoate (PFHxS-Sul	Ifonic acid (1:1 propenoate, 3 penoate and te	), polymer - etrahydro-2-	911027-69-5	

Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule (w=0) stated in ILAC-G8:09/2019.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>https://www.sgs.com/en/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exconerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@egs.com

No.198, Kazhu Read, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 中国・广东・广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86–20) 82155555 www.sgsgroup.com.cn t (86–20) 82155555 sgs.china@sgs.com



Test Report ATTACHMENTS

No.: CANEC23008164007

# **PFASs/ PFOS/PFOA Testing Flow Chart**





Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>https://www.sgs.com/en/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exconerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@egs.com

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 中国・广东・广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86–20) 82155555 www.sgsgroup.com.cn t (86–20) 82155555 sgs.china@sgs.com



Test Report ATTACHMENTS

No.: CANEC23008164007

# **Chlorinated Paraffin Testing Flow Chart**





Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>https://www.sgs.com/en/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN\_Doccheck@gss.com

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 中国 • 广东 • 广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86–20) 82155555 www.sgsgroup.com.cn t (86–20) 82155555 sgs.china@sgs.com





SGS authenticate the photo on original report only \*\*\* End of Report \*\*\*



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <u>https://www.sgs.com/en/Terms-and-Conditions</u>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN\_Doccheck@gss.com

No.198, Kazhu Read, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663 中国・广东・广州高新技术产业开发区科学城科珠路198号 邮编: 510663 t (86–20) 82155555 www.sgsgroup.com.cn t (86–20) 82155555 sgs.china@sgs.com