

3000

TO-220A

SGS

SHP25-018049

2025 06 04

2025 06 04 ~ 2025 06 10

k I				S U
POPs	(EU) 2019/1021	I-C ₁₀ -C ₁₃	() (SCCPs)	
POPs (PCP)	(EU) 2019/1021	I	(EU) 2021/277-	
POPs (PFHxS)	(EU) 2019/1021	I	(EU) 2023/1608-	
POPs (PFOA)	(EU) 2019/1021	I	(EU) 2020/784 - (PFOS)	
POPs	(EU) 2019/1021	I		
POPs	(EU) 2019/1021	I	-	

Sue Sheng

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SHAEC25013262604

fi fl / 2025 06 10

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		SGS ID	
SN1	A1	SHA25-0132626-0001.C001	

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

(2) MDL=

(3) ND = (< MDL)

(4) "-" =

v w POPs p x (EU) 2019/1021 \ y I-C₁₀-C₁₃ z { | } ~ z € , f)(SCCPs)



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	CAS No.			MDL	A1
2-[()]] (N-MeFHSEA)	67584-57-0	1	mg/kg	0.200	ND
2-[()]]	67584-61-6	1	mg/kg	0.200	ND
2-[()]]	67906-70-1	1	mg/kg	0.200	ND
-N- (2-)-N- (MeFHxSE)	68555-75-9	1	mg/kg	0.010	ND
N- -N-[()] (EtFHxSAA), ^	68957-32-4	1	mg/kg	0.010	ND
PFHxS	-	1	mg/kg	-	ND
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34E8' 13200E8' 116EHX2E)

(NC ₁₀ H ₁₄) ₃ C ₅ H ₄)	-1- -N-[4-[[4-()] [4-()]-1-]]-2,5- -1-]-N- - (PFHxS-	1310480-27-3
(NC ₈ H ₁₀) ₂ C ₁₃ H ₁₂)	-1- -N-[4-[[4-()] [4-()]-1-]]-2,5- -1-]-N- - (PFHxS-	1310480-28-4
(NC ₈ H ₁₀) ₂ C ₁₇ H ₁₂)	- (PFHxS-C ₄₂ H ₇₀ O ₃₅)	1329995-45-0
	- (PFHxS-C ₄₈ H ₈₀ O ₄₀)	1329995-69-8
	(TPS-PFHxS)	144116-10-9
	, 1-()-4-[2-[4-[4-(2,2-)]]-1,2,3a,4,8b- [b] -7-]] (PFHxS-	1462414-59-0
C ₄₄ H ₃₇ N ₂ O ₂)	(PFHxS-I(C ₆ H ₅) ₂)	153443-35-7
N,N,N-	(PFHxS-TMA)	189274-31-5
	2- -2- (1:1)(PFHxS-NH ₂ (CH ₃) ₃)	202189-84-2
	[4-(1,1-)] (PFHxS-	213740-81-9
I(C ₆ H ₄) ₂ (C ₄ H ₉) ₂)	(9Cl)(PFHxS-Ga)	341035-71-0
	(4-) (1:1)(PFHxS-	341548-85-4
S(C ₇ H ₇) ₂ C ₆ H ₅)	(PFHxS-Sc)	350836-93-0
	(PFHxS-Nd)	41184-65-0
	(PFHxS-Y)	41242-12-0
	(-4,1-) [] (PFHxS-	421555-73-9
S ₃ (C ₆ H ₅) ₄ (C ₆ H ₄) ₂)	[4-(1,1-)] (PFHxS-	421555-74-0
I(C ₆ H ₄) ₂ (C ₅ H ₁₁) ₂)	(PFHxS-F)	423-50-7
	[4-(1,1-)] (PFHxS-	425670-70-8
S(C ₆ H ₄) ₃ (C ₄ H ₉) ₃)	(PFHxS-Zn)	70136-72-0
	2,2'- (PFHxS-NH(C ₂ H ₅ O) ₂)	70225-16-0
	(1:1)(PFHxS-N(C ₂ H ₅) ₃)	72033-41-1
	[(1,1-)] (PFHxS-	866621-50-3
I(C ₆ H ₄) ₂ (C ₄ H ₉) ₂)	(4-) (PFHxS-S(C ₆ H ₅) ₂ C ₇ H ₇)	910606-39-2
	[4-[(2- -1- -2-)]]	911027-68-4
	(PFHxS-S(C ₆ H ₅) ₂ C ₁₀ H ₉ O ₂)	
	(1:1)(PFHxS-Cs)	92011-17-1
	[k,n][1,4,7,13] ,19-[4-(1,1-)]	928049-42-7
] -6,7,9,10,12,13- -, (PFHxS-SC ₂₈ H ₃₁ O ₄)	
	(PFHxS-Cl)	5559 1699954

PFHxS-	911027-69-5
	108427-53-8
(PFHxS-P(C ₄ H ₉) ₄)	2310194-12-6
EtFHxSAA! _ † Œ	
N- -N-[()] (EtFHxSAA)	68957-32-4
N- -N-[()] (EtFHxSAA-K)	67584-53-6
N- -N-(()) (EtFHxSAA-Na)	68555-70-4

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y w POPs p x (EU) 2019/1021 \ y I _ † ‡ ^ p x (EU) 2020/784 - " " œ~ (PFOA) _ † Œ! " " œ~™
š > Ÿ ' " " œ- —~ (PFOS) _ † j † >

o p / EN 17681-1:2022 EN 17681-2:2022, LC-MS LC-MS/MS GC-MS GC-MS/MS

	CAS No.			MDL	A1
PFOS _ † Œ'™š > Ÿ					
(PFOS), ^	1763-23-1	-	mg/kg	0.010	ND
N- (N-EtFOSA)	4151-50-2	-	mg/kg	0.010	ND
N- (N-MeFOSA)	31506-32-8	-	mg/kg	0.010	ND
2-(N-EtFOSE)	1691-99-2	-	mg/kg	0.010	ND
2-(N-MeFOSE)	24448-09-7	-	mg/kg	0.010	ND
(PFOSA), ^	754-91-6	-	mg/kg	0.010	ND
N-(-1-) (FOSAA), ^	2806-24-8	-	mg/kg	0.010	ND
N- -N-(-1-) (N-MeFOSAA), ^	2355-31-9	-	mg/kg	0.010	ND
N- -N-(-1-) (N-EtFOSAA), ^	2991-50-6	-	mg/kg	0.010	ND
(PFOS)	-	1000	mg/kg	-	ND
PFOA, _ † Œ					
(PFOA), ^	335-67-1	0.025	mg/kg	0.010	ND
PFOA™š > Ÿ					
1H,1H,2H,2H- (8:2 FTS), ^	39108-34-4	1	mg/kg	0.010	ND
(Me-PFOA)	376-27-2	1	mg/kg	0.200	ND
(Et-PFOA)	3108-24-5	1	mg/kg	0.200	ND
1H,1H,2H,2H- (8:2 FTMA)	1996-88-9	1	mg/kg	0.100	ND



	CAS No.			MDL	A1
1H,1H,2H,2H-FTA) (8:2)	27905-45-9	1	mg/kg	0.100	ND
(PFOI)	507-63-1	1	mg/kg	0.200	ND
2H, 2H- (8:2 FTCA), ^	27854-31-5	1	mg/kg	0.010	ND
1H,1H,2H,2H- -1- (8:2 FTOH)	678-39-7	1	mg/kg	0.100	ND
1- -1H,1H,2H,2H- (8:2 FTI)	2043-53-0	1	mg/kg	0.100	ND
1H,1H,2H,2H- (8:2 FTSi(OC ₂ H ₅) ₃)	101947-16-4	1	mg/kg	0.100	ND
[2-()] (8:2diPAP), ^	678-41-1	1	mg/kg	0.010	ND
2H, 2H, 3H, 3H-FTCA), ^ (8:3)	34598-33-9	1	mg/kg	0.010	ND
(PFDE)	21652-58-4	1	mg/kg	0.100	ND
3- (7:3 FTCA)	812-70-4	1	mg/kg	0.010	ND
1H,1H,2H,2H-FTSiCl ₃)/ (8:2)	78560-44-8	1	mg/kg	0.100	ND
1H,1H,2H,2H-(8:2 FTSi(OCH ₃) ₃)	/83048-65-1				
2H- -2- (8:2 FTUCA)	70887-84-2	1	mg/kg	0.010	ND
6:8 (6:8 PFPi)	610800-34-5	1	mg/kg	0.010	ND
8:8 (8:8 PFPi, ^)	40143-79-1	1	mg/kg	0.010	ND
1H,1H,2H,2H-FTOAc) (8:2)	37858-04-1	1	mg/kg	0.100	ND
[2-()] (8:2 monoPAP), ^	57678-03-2	1	mg/kg	0.100	ND
PFOA	-	1	mg/kg	-	ND
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					71463-74-6	
					45298-90-6	
	(PFOS-N(C ₂ H ₅) ₃)				54439-46-2	
	(PFOS-N(CH ₃) ₄)				56773-44-5	
N, N,N-	-1-	-1-	(PFOS-N(C ₃ H ₇) ₃ (C ₅ H ₁₁))		56773-56-9	



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(APFO)

3825-26-1

(PFOA-Li)

17125-58-5

(PFOA-Co)

35965-01-6

(PFOA-Cs)

17125-60-9

(3+) (PFOA-Cr(3+))

68141-02-6

- (2:1) (PFOA-NH(C₄H₁₀N))

423-52-9

45285-51-6

33496-48-9

98241-25-9

32609-65-7

277749-00-5

(PFOA-K(H₂O)₂)

98065-31-7

(PFOA-C₂H₇N)

1376936-03-6

(PFOA-C₅H₅N)

95658-47-2

(PFOA-C₁₀H₁₄N₂)

1514-68-7

(PFOA-C₁₁H₂₆N)

927835-01-6

8:2 FTS, _ † ☒

1H,1H,2H,2H-

(8:2 FTS)

39108-34-4

1H,1H,2H,2H-

(8:2 FTS-K)

438237-73-1

1H,1H,2H,2H-

(8:2 FTS-NH₄)

149724-40-3

1H,1H,2H,2H-

(8:2 FTS-Na)

27619-96-1

1H,1H,2H,2H-

(8:2 FTS(anion))

481071-78-7

8:2 FTCA, _ † ☒

2H,2H-

(8:2 FTCA)

27854-31-5

2H,2H-

(8:2 FTCA-P(C₄H₉)₄)

882489-14-7

8:2diPAP,



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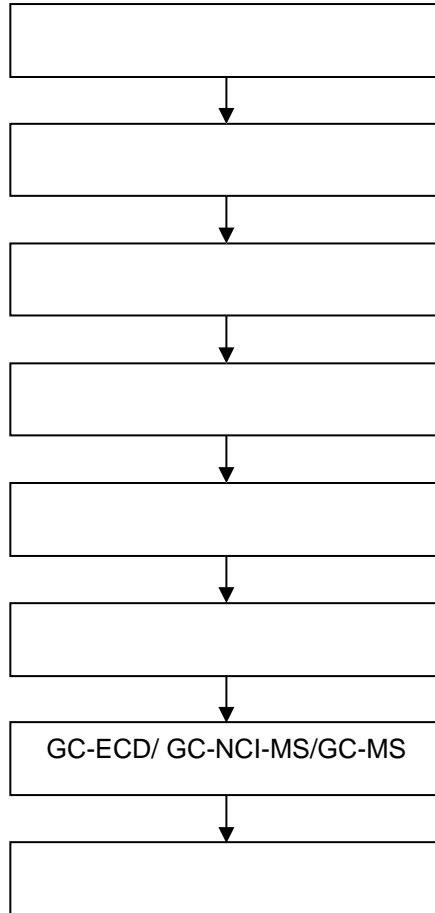
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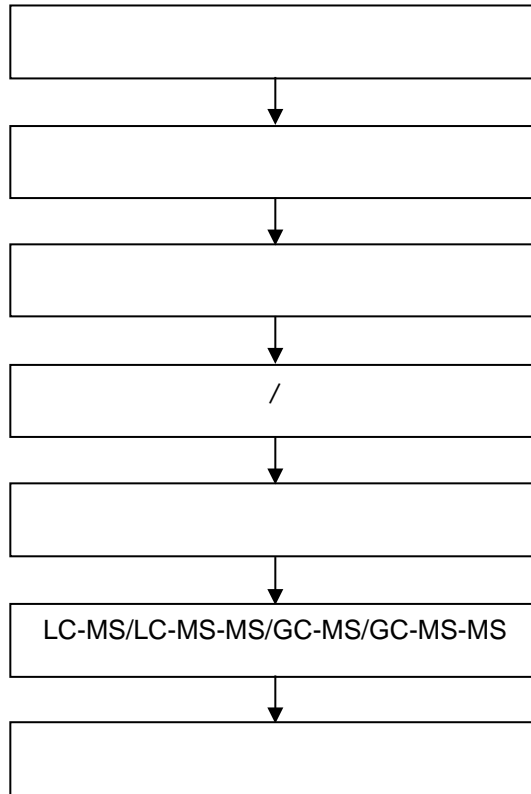
SHAEC25013262604 file / 2025 06 10 10 14

	CAS No.		MDL	A1
(HBCDD)	134237-50-6			
(-HBCDD, -HBCDD, -HBCDD)	/134237-51-7	75	mg/kg	20
	/134237-52-8			
	/25637-99-4			
	/3194-55-6			

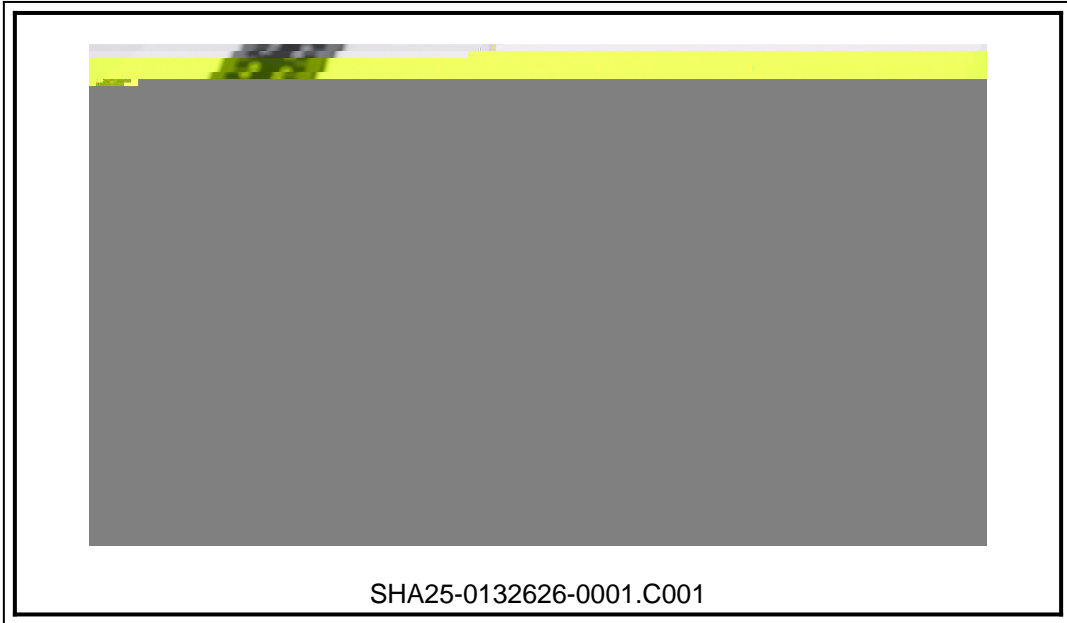
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PFASs/ PFOS/PFOA



UV /



SGS
