

IMPORTANT: All results mentioned in this Preliminary document/report are PRELIMINARY results subject to changes or to confirmation in the FINAL document/report. You shall therefore NOT RELY on this PRELIMINARY report as an official confirmation of such results.

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Client Name: QINGDAO MICROSENSE INTELLIGENT TECHNOLOGY CO.,LTD.
Client Address: REGISTERED ADDRESS: ROOM 803, FLOOR 8, BUILDING F, INNOVATION PARK II,
NO. 1, KEYUAN WEI 1ST ROAD, LAOSHAN DISTRICT, QINGDAO, SHANDONG,CHINA

Sample Name: 3D TOF CAMERA
Tested Basic Model No.: NYX650
Tested Extended Model No.: NYX660/DS86/DS87

The above sample(s) and information were provided by the client.

SGS Job No.: QDP24-005656
Sample Receiving Date: Dec 27, 2024
Testing Period: Dec 27, 2024 ~ Jan 03, 2025
Test Requested: Select test(s) as requested by the client.
Test Method(s): Please refer to next page(s).
Test Result(s): Please refer to next page(s).

Test Requirement	Conclusion
Entry 68 of Regulation (EU) 2021/1297 amending Annex XVII of REACH Regulation (EC) No 1907/2006 - C9-C14 PFCAs, their salts and C9-C14 PFCA-related substances	Pass
Entry 79 of Regulation (EU) 2024/2462 amending Annex XVII of REACH Regulation (EC) No 1907/2006 - undecafluorohexanoic acid (PFHxA), its salts and PFHxA-related substances	Pass

Signed for and on behalf of
SGS Standards Technical Services (Qingdao) Co., Ltd.

Sapphire Wang
Approved Signatory

Test Result(s):

Photo of Submitted Sample





DS86

TAO24-0093595



DS87

TAO24-0093595

SGS authenticate the photo on original report only

Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A2+A4	TAO24-0093595-0005	Blue plastic + Transparent plastic
SN2	A6+A8	TAO24-0093595-0006	Black rubber + Gray coating
SN3	A10+A11	TAO24-0093595-0007	Gray solid + Black rubber

SN ID	Sample No.	SGS Sample ID	Description
SN4	A17+A20	TAO24-0093595-0008	Black rubber + Black PCB
SN5	A43+A55	TAO24-0093595-0009	Black PCB + Black plastic
SN6	A57+A58	TAO24-0093595-0010	Black PCB + Dark gray plastic
SN7	A60+A70	TAO24-0093595-0011	Black PCB + Black PCB
SN8	A71+A97	TAO24-0093595-0012	Dark gray plastic + Black plastic
SN9	A98+A99	TAO24-0093595-0013	Transparent plastic + Black plastic(jacket)
SN10	A102+A103	TAO24-0093595-0014	White/brown plastic(jacket) + Brown plastic(jacket)
SN11	A104+A105	TAO24-0093595-0015	White/green plastic(jacket) + Green plastic(jacket)
SN12	A106+A107	TAO24-0093595-0016	Orange plastic(jacket) + White/orange plastic(jacket)
SN13	A108+A109	TAO24-0093595-0017	White/blue plastic(jacket) + Blue plastic(jacket)
SN14	A112+A113	TAO24-0093595-0018	Black plastic + Black plastic(jacket)
SN15	A121+A122	TAO24-0093595-0019	Black plastic(jacket) + Black plastic(jacket)
SN16	A123+A124	TAO24-0093595-0020	Blue plastic(jacket) + Yellow plastic(jacket)
SN17	A125+A126	TAO24-0093595-0021	Pink plastic(jacket) + White plastic(jacket)
SN18	A127+A128	TAO24-0093595-0022	Brown plastic(jacket) + Green plastic(jacket)
SN19	B3+B26	TAO24-0093595-0023	Black PCB + Black PCB
SN20	B36+B55	TAO24-0093595-0024	Black PCB + Black plastic
SN21	B70+B71	TAO24-0093595-0025	Black plastic(jacket) + Black plastic
SN22	B73+B77	TAO24-0093595-0026	Transparent plastic + White plastic
SN23	B78+B80	TAO24-0093595-0027	White plastic + Transparent plastic
SN24	B82+B83	TAO24-0093595-0028	Orange plastic(jacket) + White/orange plastic(jacket)
SN25	B84+B85	TAO24-0093595-0029	Green plastic(jacket) + White/green plastic(jacket)
SN26	B87+B88	TAO24-0093595-0030	White/blue plastic(jacket) + Blue plastic(jacket)
SN27	B89+B90	TAO24-0093595-0031	White/brown plastic(jacket) + Brown plastic(jacket)

Remarks:

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

Entry 68 of Regulation (EU) 2021/1297 amending Annex XVII of REACH Regulation (EC) No 1907/2006 - C9-C14 PFCAs, their salts and C9-C14 PFCA-related substances

Test Method: Modified EN 17681-1:2022 and EN 17681-2:2022, analysis was performed by LC-MS or LC-MS/MS and GC-MS.

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A2+A4	A6+A8	A10+A11
C9-C14 PFCA, their salts							
Perfluorononane Acid (PFNA), its salts^	375-95-1	-	µg/kg	10	ND	ND	ND
Perfluorodecane Acid (PFDA), its salts^	335-76-2	-	µg/kg	10	ND	ND	ND
Perfluoroundecanoic Acid (PFUnDA), its salts^	2058-94-8	-	µg/kg	10	ND	ND	ND
Perfluorododecanoic Acid (PFDoDA), its salts^	307-55-1	-	µg/kg	10	ND	ND	ND
Perfluorotridecanoic Acid (PFTrDA), its salts^	72629-94-8	-	µg/kg	10	ND	ND	ND
Perfluorotetradecanoic Acid (PFTDA), its salts^	376-06-7	-	µg/kg	10	ND	ND	ND
Perfluoro-3,7-dimethyloctanoic Acid (PF-3,7-DMOA)	172155-07-6	-	µg/kg	10	ND	ND	ND
Sum of C9-C14 PFCA, their salts	-	25	µg/kg	-	ND	ND	ND
C9-C14 PFCA-related substances							
Perfluorodecane sulfonic acid (PFDS), its salts^	335-77-3	-	µg/kg	10	ND	ND	ND
1H,1H,2H,2H-Perfluoro-1-dodecanol (10:2 FTOH)	865-86-1	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorododecyl acrylate (10:2 FTA)	17741-60-5	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorododecyl methacrylate (10:2 FTMA)	2144-54-9	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-perfluorotetradecan-1-ol (12:2 FTOH)	39239-77-5	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorododecan	120226-60-0	-	µg/kg	100	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A2+A4	A6+A8	A10+A11
e sulfonic acid (10:2 FTS), its salts^							
1,1,2,2-Tetrahydroperfluorododecyl iodide (10:2 FTI)	2043-54-1	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorotetradecyl iodide (12:2 FTI)	30046-31-2	-	µg/kg	100	ND	ND	ND
Perfluorononane sulfonic acid (PFNS), its salts^	68259-12-1	-	µg/kg	10	ND	ND	ND
Perfluoroundecane sulfonic acid (PFUnDS), its salts^	749786-16-1	-	µg/kg	10	ND	ND	ND
Perfluorododecane sulfonic acid (PFDoDS), its salts^	79780-39-5	-	µg/kg	10	ND	ND	ND
Perfluorotridecane sulfonic acid (PFTrDS), its salts^	791563-89-8	-	µg/kg	10	ND	ND	ND
10:2 Fluorotelomerphosphatediester (10:2 diPAP), its salts^	1895-26-7	-	µg/kg	100	ND	ND	ND
Perfluorodecyl iodide (PFDI)	423-62-1	-	µg/kg	100	ND	ND	ND
Perfluorododecyl iodide (PFDoDI)	307-60-8	-	µg/kg	100	ND	ND	ND
2H-Perfluoro-2-dodecenoic acid (10:2 FTUCA)	70887-94-4	-	µg/kg	100	ND	ND	ND
2-Perfluorodecyl ethanoic acid (10:2 FTCA)	53826-13-4	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-perfluorododecyl acetate (10:2 FTOAc)	37858-05-2	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS), its salts^	39108-34-4	-	µg/kg	10	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A2+A4	A6+A8	A10+A11
1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA)	27905-45-9	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA)	1996-88-9	-	µg/kg	100	ND	ND	ND
2H,2H-Perfluorodecane Acid (8:2 FTCA), its salts^	27854-31-5	-	µg/kg	10	ND	ND	ND
1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	678-39-7	-	µg/kg	100	ND	ND	ND
1-Iodo-1H,1H,2H,2H-perfluorodecane (8:2 FTI)	2043-53-0	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorodecyltriethoxysilane (8:2 FTSi(OC ₂ H ₅) ₃)	101947-16-4	-	µg/kg	100	ND	ND	ND
bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluorodecyl) hydrogen phosphate (8:2 diPAP), its salts^	678-41-1	-	µg/kg	10	ND	ND	ND
2H,2H,3H,3H-Perfluoroundecanoic Acid (8:3 FTCA), its salts^	34598-33-9	-	µg/kg	10	ND	ND	ND
1H,1H,2H-Heptafluoro-1-decene (PFDE)	21652-58-4	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorodecyltriethoxysilane (8:2 FTSi(OC ₂ H ₅) ₃)/1H,1H,2H,2H-Perfluorodecyltrimethoxysilane (8:2 FTSi(OC ₃ H ₇) ₃)	78560-44-8 / 83048-65-1	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-perfluorodecyl acetate (8:2 FTOAc)	37858-04-1	-	µg/kg	100	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A2+A4	A6+A8	A10+A11
8:2 Fluorotelomer phosphate monoester (8:2 monoPAP), its salts^	57678-03-2	-	µg/kg	100	ND	ND	ND
10:2 Fluorotelomer phosphate monoester (10:2 monoPAP), its salts^	57678-05-4	-	µg/kg	100	ND	ND	ND
N-(4,4,5,5,6,6,7,7,8,8,9,9,9-tridecafluorononyl)iodoacetamide	852527-50-5	-	µg/kg	10	ND	ND	ND
Sum of C9-C14 PFCA-related substances	-	260	µg/kg	-	ND	ND	ND
Conclusion					Pass	Pass	Pass

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A17+A20	A43+A55	A57+A58
C9-C14 PFCA, their salts							
Perfluorononane Acid (PFNA), its salts^	375-95-1	-	µg/kg	10	ND	ND	ND
Perfluorodecane Acid (PFDA), its salts^	335-76-2	-	µg/kg	10	ND	ND	ND
Perfluoroundecanoic Acid (PFUnDA), its salts^	2058-94-8	-	µg/kg	10	ND	ND	ND
Perfluorododecanoic Acid (PFDoDA), its salts^	307-55-1	-	µg/kg	10	ND	ND	ND
Perfluorotridecanoic Acid (PFTrDA), its salts^	72629-94-8	-	µg/kg	10	ND	ND	ND
Perfluorotetradecanoic Acid (PFTDA), its salts^	376-06-7	-	µg/kg	10	ND	ND	ND
Perfluoro-3,7-dimethyloctanoic Acid (PF-3,7-DMOA)	172155-07-6	-	µg/kg	10	ND	ND	ND
Sum of C9-C14 PFCA, their salts	-	25	µg/kg	-	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A17+A20	A43+A55	A57+A58
C9-C14 PFCA-related substances							
Perfluorodecane sulfonic acid (PFDS), its salts^	335-77-3	-	µg/kg	10	ND	ND	ND
1H,1H,2H,2H-Perfluoro-1-dodecanol (10:2 FTOH)	865-86-1	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorododecyl acrylate (10:2 FTA)	17741-60-5	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorododecyl methacrylate (10:2 FTMA)	2144-54-9	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-perfluorotetradecan-1-ol (12:2 FTOH)	39239-77-5	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorododecane sulfonic acid (10:2 FTS), its salts^	120226-60-0	-	µg/kg	100	ND	ND	ND
1,1,2,2-Tetrahydroperfluorododecyl iodide (10:2 FTI)	2043-54-1	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorotetradecyl iodide (12:2 FTI)	30046-31-2	-	µg/kg	100	ND	ND	ND
Perfluorononane sulfonic acid (PFNS), its salts^	68259-12-1	-	µg/kg	10	ND	ND	ND
Perfluoroundecane sulfonic acid (PFUnDS), its salts^	749786-16-1	-	µg/kg	10	ND	ND	ND
Perfluorododecane sulfonic acid (PFDoDS), its salts^	79780-39-5	-	µg/kg	10	ND	ND	ND
Perfluorotridecane sulfonic acid (PFTrDS), its salts^	791563-89-8	-	µg/kg	10	ND	ND	ND
10:2 Fluorotelomerphos	1895-26-7	-	µg/kg	100	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A17+A20	A43+A55	A57+A58
phatediester (10:2 diPAP), its salts^							
Perfluorodecyl iodide (PFDI)	423-62-1	-	µg/kg	100	ND	ND	ND
Perfluorododecyl iodide (PFDoDI)	307-60-8	-	µg/kg	100	ND	ND	ND
2H-Perfluoro-2-dodecenoic acid (10:2 FTUCA)	70887-94-4	-	µg/kg	100	ND	ND	ND
2-Perfluorodecyl ethanoic acid (10:2 FTCA)	53826-13-4	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-perfluorododecyl acetate (10:2 FTOAc)	37858-05-2	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorodecanes ulfonic acid (8:2 FTS), its salts^	39108-34-4	-	µg/kg	10	ND	ND	ND
1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA)	27905-45-9	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA)	1996-88-9	-	µg/kg	100	ND	ND	ND
2H,2H-Perfluorodecane Acid (8:2 FTCA), its salts^	27854-31-5	-	µg/kg	10	ND	ND	ND
1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	678-39-7	-	µg/kg	100	ND	ND	ND
1-Iodo-1H,1H,2H,2H-perfluorodecane (8:2 FTI)	2043-53-0	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorodecyltriethoxysilane (8:2 FTSi(OC ₂ H ₅) ₃)	101947-16-4	-	µg/kg	100	ND	ND	ND
bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluorodecyl) hydrogen phosphate (8:2 diPAP), its salts^	678-41-1	-	µg/kg	10	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A17+A20	A43+A55	A57+A58
2H,2H,3H,3H-Perfluoroundecanoic Acid (8:3 FTCA), its salts^	34598-33-9	-	µg/kg	10	ND	ND	ND
1H,1H,2H-Heptadecafluoro-1-decene (PFDE)	21652-58-4	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorodecyltrimethylchlorosilane (8:2 FTSiCl ₃)/1H,1H,2H,2H-Perfluorodecyltrimethoxysilane (8:2 FTSi(OCH ₃) ₃)	78560-44-8 /83048-65-1	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-perfluorodecyl acetate (8:2 FTOAc)	37858-04-1	-	µg/kg	100	ND	ND	ND
8:2 Fluorotelomer phosphate monoester (8:2 monoPAP), its salts^	57678-03-2	-	µg/kg	100	ND	ND	ND
10:2 Fluorotelomer phosphate monoester (10:2 monoPAP), its salts^	57678-05-4	-	µg/kg	100	ND	ND	ND
N-(4,4,5,5,6,6,7,7,8,8,9,9,9-tridecafluorononyl)iodoacetamide	852527-50-5	-	µg/kg	10	ND	ND	ND
Sum of C9-C14 PFCA-related substances	-	260	µg/kg	-	ND	ND	ND
Conclusion					Pass	Pass	Pass

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A60+A70	A71+A97	A98+A99
C9-C14 PFCA, their salts							
Perfluorononane Acid (PFNA), its salts^	375-95-1	-	µg/kg	10	ND	ND	ND
Perfluorodecane Acid (PFDA), its salts^	335-76-2	-	µg/kg	10	ND	ND	ND
Perfluoroundecanoic Acid	2058-94-8	-	µg/kg	10	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A60+A70	A71+A97	A98+A99
(PFUnDA), its salts^							
Perfluorododecanoic Acid (PFDoDA), its salts^	307-55-1	-	µg/kg	10	ND	ND	ND
Perfluorotridecanoic Acid (PFTrDA), its salts^	72629-94-8	-	µg/kg	10	ND	ND	ND
Perfluorotetradecanoic Acid (PFTDA), its salts^	376-06-7	-	µg/kg	10	ND	ND	ND
Perfluoro-3,7-dimethyloctanoic Acid (PF-3,7-DMOA)	172155-07-6	-	µg/kg	10	ND	ND	ND
Sum of C9-C14 PFCA, their salts	-	25	µg/kg	-	ND	ND	ND
C9-C14 PFCA-related substances							
Perfluorodecane sulfonic acid (PFDS), its salts^	335-77-3	-	µg/kg	10	ND	ND	ND
1H,1H,2H,2H-Perfluoro-1-dodecanol (10:2 FTOH)	865-86-1	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorododecyl acrylate (10:2 FTA)	17741-60-5	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorododecyl methacrylate (10:2 FTMA)	2144-54-9	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-perfluorotetradecan-1-ol (12:2 FTOH)	39239-77-5	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorododecane sulfonic acid (10:2 FTS), its salts^	120226-60-0	-	µg/kg	100	ND	ND	ND
1,1,2,2-Tetrahydroperfluorododecyl iodide (10:2 FTI)	2043-54-1	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorotetradec	30046-31-2	-	µg/kg	100	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A60+A70	A71+A97	A98+A99
yl iodide (12:2 FTI)							
Perfluorononane sulfonic acid (PFNS), its salts^	68259-12-1	-	µg/kg	10	ND	ND	ND
Perfluoroundecane sulfonic acid (PFUnDS), its salts^	749786-16-1	-	µg/kg	10	ND	ND	ND
Perfluorododecane sulfonic acid (PFDoDS), its salts^	79780-39-5	-	µg/kg	10	ND	ND	ND
Perfluorotridecane sulfonic acid (PFTrDS), its salts^	791563-89-8	-	µg/kg	10	ND	ND	ND
10:2 Fluortelomerphosphatediester (10:2 diPAP), its salts^	1895-26-7	-	µg/kg	100	ND	ND	ND
Perfluorodecyl iodide (PFDI)	423-62-1	-	µg/kg	100	ND	ND	ND
Perfluorododecyl iodide (PFDoDI)	307-60-8	-	µg/kg	100	ND	ND	ND
2H-Perfluoro-2-dodecenoic acid (10:2 FTUCA)	70887-94-4	-	µg/kg	100	ND	ND	ND
2-Perfluorodecyl ethanoic acid (10:2 FTCA)	53826-13-4	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-perfluorodecyl acetate (10:2 FTOAc)	37858-05-2	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS), its salts^	39108-34-4	-	µg/kg	10	ND	ND	ND
1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA)	27905-45-9	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA)	1996-88-9	-	µg/kg	100	ND	ND	ND
2H,2H-Perfluorodecane Acid (8:2 FTCA), its salts^	27854-31-5	-	µg/kg	10	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A60+A70	A71+A97	A98+A99
1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	678-39-7	-	µg/kg	100	ND	ND	ND
1-Iodo-1H,1H,2H,2H-perfluorodecane (8:2 FTI)	2043-53-0	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorodecyltriethoxysilane (8:2 FTSi(OC ₂ H ₅) ₃)	101947-16-4	-	µg/kg	100	ND	ND	ND
bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluorodecyl) hydrogen phosphate (8:2 diPAP), its salts^	678-41-1	-	µg/kg	10	ND	ND	ND
2H,2H,3H,3H-Perfluoroundecanoic Acid (8:3 FTCA), its salts^	34598-33-9	-	µg/kg	10	ND	ND	ND
1H,1H,2H-Heptafluoro-1-decene (PFDE)	21652-58-4	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorodecyltriethoxysilane (8:2 FTSiCl ₃)/1H,1H,2H,2H-Perfluorodecyltrimethoxysilane (8:2 FTSi(OCH ₃) ₃)	78560-44-8 /83048-65-1	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-perfluorodecyl acetate (8:2 FTOAc)	37858-04-1	-	µg/kg	100	ND	ND	ND
8:2 Fluorotelomer phosphate monoester (8:2 monoPAP), its salts^	57678-03-2	-	µg/kg	100	ND	ND	ND
10:2 Fluorotelomer phosphate monoester (10:2 monoPAP), its salts^	57678-05-4	-	µg/kg	100	ND	ND	ND
N-(4,4,5,5,6,6,7,7,8,	852527-50-5	-	µg/kg	10	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A60+A70	A71+A97	A98+A99
8,9,9,9-tridecafluorononyl)iodoacetamide							
Sum of C9-C14 PFCA-related substances	-	260	µg/kg	-	ND	ND	ND
Conclusion					Pass	Pass	Pass

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A102+A103	A104+A105	A106+A107
C9-C14 PFCA, their salts							
Perfluorononane Acid (PFNA), its salts^	375-95-1	-	µg/kg	10	ND	ND	ND
Perfluorodecane Acid (PFDA), its salts^	335-76-2	-	µg/kg	10	ND	ND	ND
Perfluoroundecanoic Acid (PFUnDA), its salts^	2058-94-8	-	µg/kg	10	ND	ND	ND
Perfluorododecanoic Acid (PFDoDA), its salts^	307-55-1	-	µg/kg	10	ND	ND	ND
Perfluorotridecanoic Acid (PFTrDA), its salts^	72629-94-8	-	µg/kg	10	ND	ND	ND
Perfluorotetradecanoic Acid (PFTDA), its salts^	376-06-7	-	µg/kg	10	ND	ND	ND
Perfluoro-3,7-dimethyloctanoic Acid (PF-3,7-DMOA)	172155-07-6	-	µg/kg	10	ND	ND	ND
Sum of C9-C14 PFCA, their salts	-	25	µg/kg	-	ND	ND	ND
C9-C14 PFCA-related substances							
Perfluorodecane sulfonic acid (PFDS), its salts^	335-77-3	-	µg/kg	10	ND	ND	ND
1H,1H,2H,2H-Perfluoro-1-dodecanol (10:2 FTOH)	865-86-1	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorododecyl acrylate (10:2 FTA)	17741-60-5	-	µg/kg	100	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A102+A103	A104+A105	A106+A107
1H,1H,2H,2H-Perfluorododecyl methacrylate (10:2 FTMA)	2144-54-9	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-perfluorotetradecan-1-ol (12:2 FTOH)	39239-77-5	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorododecane sulfonic acid (10:2 FTS), its salts^	120226-60-0	-	µg/kg	100	ND	ND	ND
1,1,2,2-Tetrahydroperfluorododecyl iodide (10:2 FTI)	2043-54-1	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorotetradecyl iodide (12:2 FTI)	30046-31-2	-	µg/kg	100	ND	ND	ND
Perfluorononane sulfonic acid (PFNS), its salts^	68259-12-1	-	µg/kg	10	ND	ND	ND
Perfluoroundecane sulfonic acid (PFUnDS), its salts^	749786-16-1	-	µg/kg	10	ND	ND	ND
Perfluorododecane sulfonic acid (PFDoDS), its salts^	79780-39-5	-	µg/kg	10	ND	ND	ND
Perfluorotridecane sulfonic acid (PFTrDS), its salts^	791563-89-8	-	µg/kg	10	ND	ND	ND
10:2 Fluorotelomerphosphatediester (10:2 diPAP), its salts^	1895-26-7	-	µg/kg	100	ND	ND	ND
Perfluorodecyl iodide (PFDI)	423-62-1	-	µg/kg	100	ND	ND	ND
Perfluorododecyl iodide (PFDoDI)	307-60-8	-	µg/kg	100	ND	ND	ND
2H-Perfluoro-2-dodecenoic acid (10:2 FTUCA)	70887-94-4	-	µg/kg	100	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A102+A103	A104+A105	A106+A107
2-Perfluorodecyl ethanoic acid (10:2 FTCA)	53826-13-4	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-perfluorododecyl acetate (10:2 FTOAc)	37858-05-2	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS), its salts^	39108-34-4	-	µg/kg	10	ND	ND	ND
1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA)	27905-45-9	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA)	1996-88-9	-	µg/kg	100	ND	ND	ND
2H,2H-Perfluorodecane Acid (8:2 FTCA), its salts^	27854-31-5	-	µg/kg	10	ND	ND	ND
1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	678-39-7	-	µg/kg	100	ND	ND	ND
1-Iodo-1H,1H,2H,2H-perfluorodecane (8:2 FTI)	2043-53-0	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorodecyltriethoxysilane (8:2 FTSi(OC ₂ H ₅) ₃)	101947-16-4	-	µg/kg	100	ND	ND	ND
bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluorodecyl) hydrogen phosphate (8:2 diPAP), its salts^	678-41-1	-	µg/kg	10	ND	ND	ND
2H,2H,3H,3H-Perfluoroundecanoic Acid (8:3 FTCA), its salts^	34598-33-9	-	µg/kg	10	ND	ND	ND
1H,1H,2H-Heptafluoro-1-decene (PFDE)	21652-58-4	-	µg/kg	100	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A102+A103	A104+A105	A106+A107
1H,1H,2H,2H-Perfluorodecyltrichlorosilane (8:2 FTSiCl ₃)/1H,1H,2H,2H-Perfluorodecyltrimethoxysilane (8:2 FTSi(OCH ₃) ₃)	78560-44-8 /83048-65-1	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-perfluorodecyl acetate (8:2 FTOAc)	37858-04-1	-	µg/kg	100	ND	ND	ND
8:2 Fluorotelomer phosphate monoester (8:2 monoPAP) , its salts^	57678-03-2	-	µg/kg	100	ND	ND	ND
10:2 Fluorotelomer phosphate monoester (10:2 monoPAP), its salts^	57678-05-4	-	µg/kg	100	ND	ND	ND
N-(4,4,5,5,6,6,7,7,8,8,9,9,9-tridecafluorononyl)iodoacetamide	852527-50-5	-	µg/kg	10	ND	ND	ND
Sum of C9-C14 PFCA-related substances	-	260	µg/kg	-	ND	ND	ND
Conclusion					Pass	Pass	Pass

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A108+A109	A112+A113	A121+A122
C9-C14 PFCA, their salts							
Perfluorononane Acid (PFNA), its salts^	375-95-1	-	µg/kg	10	ND	ND	ND
Perfluorodecane Acid (PFDA), its salts^	335-76-2	-	µg/kg	10	ND	ND	ND
Perfluoroundecanoic Acid (PFUnDA), its salts^	2058-94-8	-	µg/kg	10	ND	ND	ND
Perfluorododecanoic Acid (PFDoDA), its salts^	307-55-1	-	µg/kg	10	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A108+A109	A112+A113	A121+A122
Perfluorotridecanoic Acid (PFTrDA), its salts^	72629-94-8	-	µg/kg	10	ND	ND	ND
Perfluorotetradecanoic Acid (PFTDA), its salts^	376-06-7	-	µg/kg	10	ND	ND	ND
Perfluoro-3,7-dimethyloctanoic Acid (PF-3,7-DMOA)	172155-07-6	-	µg/kg	10	ND	ND	ND
Sum of C9-C14 PFCA, their salts	-	25	µg/kg	-	ND	ND	ND
C9-C14 PFCA-related substances							
Perfluorodecane sulfonic acid (PFDS), its salts^	335-77-3	-	µg/kg	10	ND	ND	ND
1H,1H,2H,2H-Perfluoro-1-dodecanol (10:2 FTOH)	865-86-1	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorododecyl acrylate (10:2 FTA)	17741-60-5	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorododecyl methacrylate (10:2 FTMA)	2144-54-9	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-perfluorotetradecan-1-ol (12:2 FTOH)	39239-77-5	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorododecane sulfonic acid (10:2 FTS), its salts^	120226-60-0	-	µg/kg	100	ND	ND	ND
1,1,2,2-Tetrahydroperfluorododecyl iodide (10:2 FTI)	2043-54-1	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorotetradecyl iodide (12:2 FTI)	30046-31-2	-	µg/kg	100	ND	ND	ND
Perfluorononane sulfonic acid (PFNS), its salts^	68259-12-1	-	µg/kg	10	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A108+A109	A112+A113	A121+A122
Perfluoroundecane sulfonic acid (PFUnDS), its salts^	749786-16-1	-	µg/kg	10	ND	ND	ND
Perfluorododecane sulfonic acid (PFDoDS), its salts^	79780-39-5	-	µg/kg	10	ND	ND	ND
Perfluorotridecane sulfonic acid (PFTrDS), its salts^	791563-89-8	-	µg/kg	10	ND	ND	ND
10:2 Fluorotelomerphosphatediester (10:2 diPAP), its salts^	1895-26-7	-	µg/kg	100	ND	ND	ND
Perfluorodecyl iodide (PFDI)	423-62-1	-	µg/kg	100	ND	ND	ND
Perfluorododecyl iodide (PFDoDI)	307-60-8	-	µg/kg	100	ND	ND	ND
2H-Perfluoro-2-dodecenoic acid (10:2 FTUCA)	70887-94-4	-	µg/kg	100	ND	ND	ND
2-Perfluorodecyl ethanoic acid (10:2 FTCA)	53826-13-4	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-perfluorododecyl acetate (10:2 FTOAc)	37858-05-2	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS), its salts^	39108-34-4	-	µg/kg	10	ND	ND	ND
1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA)	27905-45-9	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA)	1996-88-9	-	µg/kg	100	ND	ND	ND
2H,2H-Perfluorodecane Acid (8:2 FTCA), its salts^	27854-31-5	-	µg/kg	10	ND	ND	ND
1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	678-39-7	-	µg/kg	100	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A108+A109	A112+A113	A121+A122
1-Iodo-1H,1H,2H,2H-perfluorodecane (8:2 FTI)	2043-53-0	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorodecyltriethoxysilane (8:2 FTSi(OC ₂ H ₅) ₃)	101947-16-4	-	µg/kg	100	ND	ND	ND
bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluorodecyl) hydrogen phosphate (8:2 diPAP), its salts^	678-41-1	-	µg/kg	10	ND	ND	ND
2H,2H,3H,3H-Perfluoroundecanoic Acid (8:3 FTCA), its salts^	34598-33-9	-	µg/kg	10	ND	ND	ND
1H,1H,2H-Heptafluorodecyl-1-decene (PFDE)	21652-58-4	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorodecyltriethoxysilane (8:2 FTSiCl ₃)/1H,1H,2H,2H-Perfluorodecyltrimethoxysilane (8:2 FTSi(OCH ₃) ₃)	78560-44-8 / 83048-65-1	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-perfluorodecyl acetate (8:2 FTOAc)	37858-04-1	-	µg/kg	100	ND	ND	ND
8:2 Fluorotelomer phosphate monoester (8:2 monoPAP), its salts^	57678-03-2	-	µg/kg	100	ND	ND	ND
10:2 Fluorotelomer phosphate monoester (10:2 monoPAP), its salts^	57678-05-4	-	µg/kg	100	ND	ND	ND
N-(4,4,5,5,6,6,7,7,8,8,9,9,9-tridecafluorononyl)iodoacetamide	852527-50-5	-	µg/kg	10	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A108+A109	A112+A113	A121+A122
Sum of C9-C14 PFCA-related substances	-	260	µg/kg	-	ND	ND	ND
Conclusion					Pass	Pass	Pass

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A123+A124	A125+A126	A127+A128
C9-C14 PFCA, their salts							
Perfluorononane Acid (PFNA), its salts^	375-95-1	-	µg/kg	10	ND	ND	ND
Perfluorodecane Acid (PFDA), its salts^	335-76-2	-	µg/kg	10	ND	ND	ND
Perfluoroundecanoic Acid (PFUnDA), its salts^	2058-94-8	-	µg/kg	10	ND	ND	ND
Perfluorododecanoic Acid (PFDoDA), its salts^	307-55-1	-	µg/kg	10	ND	ND	ND
Perfluorotridecanoic Acid (PFTrDA), its salts^	72629-94-8	-	µg/kg	10	ND	ND	ND
Perfluorotetradecanoic Acid (PFTDA), its salts^	376-06-7	-	µg/kg	10	ND	ND	ND
Perfluoro-3,7-dimethyloctanoic Acid (PF-3,7-DMOA)	172155-07-6	-	µg/kg	10	ND	ND	ND
Sum of C9-C14 PFCA, their salts	-	25	µg/kg	-	ND	ND	ND
C9-C14 PFCA-related substances							
Perfluorodecane sulfonic acid (PFDS), its salts^	335-77-3	-	µg/kg	10	ND	ND	ND
1H,1H,2H,2H-Perfluoro-1-dodecanol (10:2 FTOH)	865-86-1	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorododecyl acrylate (10:2 FTA)	17741-60-5	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorododecyl	2144-54-9	-	µg/kg	100	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A123+A12 4	A125+A12 6	A127+A12 8
methacrylate (10:2 FTMA)							
1H,1H,2H,2H- perfluorotetradec an-1-ol (12:2 FTOH)	39239-77-5	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H- Perfluorododecan e sulfonic acid (10:2 FTS), its salts^	120226-60-0	-	µg/kg	100	ND	ND	ND
1,1,2,2- Tetrahydroperflu orododecyl iodide (10:2 FTI)	2043-54-1	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H- Perfluorotetradec yl iodide (12:2 FTI)	30046-31-2	-	µg/kg	100	ND	ND	ND
Perfluorononane sulfonic acid (PFNS), its salts^	68259-12-1	-	µg/kg	10	ND	ND	ND
Perfluoroundecan e sulfonic acid (PFUnDS), its salts^	749786-16-1	-	µg/kg	10	ND	ND	ND
Perfluorododecan e sulfonic acid (PFDoDS), its salts^	79780-39-5	-	µg/kg	10	ND	ND	ND
Perfluorotridecan e sulfonic acid (PFTrDS), its salts^	791563-89-8	-	µg/kg	10	ND	ND	ND
10:2 Fluortelomerphos phatediester (10:2 diPAP), its salts^	1895-26-7	-	µg/kg	100	ND	ND	ND
Perfluorodecyl iodide (PFDI)	423-62-1	-	µg/kg	100	ND	ND	ND
Perfluorododecyl iodide (PFDoDI)	307-60-8	-	µg/kg	100	ND	ND	ND
2H-Perfluoro-2- dodecenoic acid (10:2 FTUCA)	70887-94-4	-	µg/kg	100	ND	ND	ND
2-Perfluorodecyl ethanoic acid (10:2 FTCA)	53826-13-4	-	µg/kg	100	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A123+A12 4	A125+A12 6	A127+A12 8
1H,1H,2H,2H-perfluorododecyl acetate (10:2 FTOAc)	37858-05-2	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS), its salts^	39108-34-4	-	µg/kg	10	ND	ND	ND
1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA)	27905-45-9	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA)	1996-88-9	-	µg/kg	100	ND	ND	ND
2H,2H-Perfluorodecane Acid (8:2 FTCA), its salts^	27854-31-5	-	µg/kg	10	ND	ND	ND
1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	678-39-7	-	µg/kg	100	ND	ND	ND
1-Iodo-1H,1H,2H,2H-perfluorodecane (8:2 FTI)	2043-53-0	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorodecyltriethoxysilane (8:2 FTSi(OC ₂ H ₅) ₃)	101947-16-4	-	µg/kg	100	ND	ND	ND
bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluorodecyl) hydrogen phosphate (8:2 diPAP), its salts^	678-41-1	-	µg/kg	10	ND	ND	ND
2H,2H,3H,3H-Perfluoroundecanoic Acid (8:3 FTCA), its salts^	34598-33-9	-	µg/kg	10	ND	ND	ND
1H,1H,2H-Heptafluoro-1-decene (PFDE)	21652-58-4	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorodecyltrichlorosilane (8:2 FTSiCl ₃)/1H,1H,2	78560-44-8 /83048-65-1	-	µg/kg	100	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A123+A12 4	A125+A12 6	A127+A12 8
H,2H-Perfluorodecyltrimethoxysilane (8:2 FTSi(OCH ₃) ₃)							
1H,1H,2H,2H-perfluorodecyl acetate (8:2 FTOAc)	37858-04-1	-	µg/kg	100	ND	ND	ND
8:2 Fluorotelomer phosphate monoester (8:2 monoPAP), its salts^	57678-03-2	-	µg/kg	100	ND	ND	ND
10:2 Fluorotelomer phosphate monoester (10:2 monoPAP), its salts^	57678-05-4	-	µg/kg	100	ND	ND	ND
N-(4,4,5,5,6,6,7,7,8,8,9,9,9-tridecafluorononyl)iodoacetamide	852527-50-5	-	µg/kg	10	ND	ND	ND
Sum of C9-C14 PFCA-related substances	-	260	µg/kg	-	ND	ND	ND
Conclusion					Pass	Pass	Pass

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	B3+B26	B36+B55	B70+B71
C9-C14 PFCA, their salts							
Perfluorononane Acid (PFNA), its salts^	375-95-1	-	µg/kg	10	ND	ND	ND
Perfluorodecane Acid (PFDA), its salts^	335-76-2	-	µg/kg	10	ND	ND	ND
Perfluoroundecanoic Acid (PFUnDA), its salts^	2058-94-8	-	µg/kg	10	ND	ND	ND
Perfluorododecanoic Acid (PFDoDA), its salts^	307-55-1	-	µg/kg	10	ND	ND	ND
Perfluorotridecanoic Acid (PFTrDA), its salts^	72629-94-8	-	µg/kg	10	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	B3+B26	B36+B55	B70+B71
Perfluorotetradecanoic Acid (PFTDA), its salts^	376-06-7	-	µg/kg	10	ND	ND	ND
Perfluoro-3,7-dimethyloctanoic Acid (PF-3,7-DMOA)	172155-07-6	-	µg/kg	10	ND	ND	ND
Sum of C9-C14 PFCA, their salts	-	25	µg/kg	-	ND	ND	ND
C9-C14 PFCA-related substances							
Perfluorodecane sulfonic acid (PFDS), its salts^	335-77-3	-	µg/kg	10	ND	ND	ND
1H,1H,2H,2H-Perfluoro-1-dodecanol (10:2 FTOH)	865-86-1	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorododecyl acrylate (10:2 FTA)	17741-60-5	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorododecyl methacrylate (10:2 FTMA)	2144-54-9	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-perfluorotetradecan-1-ol (12:2 FTOH)	39239-77-5	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorododecane sulfonic acid (10:2 FTS), its salts^	120226-60-0	-	µg/kg	100	ND	ND	ND
1,1,2,2-Tetrahydroperfluorododecyl iodide (10:2 FTI)	2043-54-1	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorotetradecyl iodide (12:2 FTI)	30046-31-2	-	µg/kg	100	ND	ND	ND
Perfluorononane sulfonic acid (PFNS), its salts^	68259-12-1	-	µg/kg	10	ND	ND	ND
Perfluoroundecane sulfonic acid (PFUnDS), its salts^	749786-16-1	-	µg/kg	10	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	B3+B26	B36+B55	B70+B71
Perfluorododecane sulfonic acid (PFDoDS), its salts^	79780-39-5	-	µg/kg	10	ND	ND	ND
Perfluorotridecane sulfonic acid (PFTrDS), its salts^	791563-89-8	-	µg/kg	10	ND	ND	ND
10:2 Fluorotelomerphosphatediester (10:2 diPAP), its salts^	1895-26-7	-	µg/kg	100	ND	ND	ND
Perfluorodecyl iodide (PFDI)	423-62-1	-	µg/kg	100	ND	ND	ND
Perfluorododecyl iodide (PFDoDI)	307-60-8	-	µg/kg	100	ND	ND	ND
2H-Perfluoro-2-dodecenoic acid (10:2 FTUCA)	70887-94-4	-	µg/kg	100	ND	ND	ND
2-Perfluorodecyl ethanoic acid (10:2 FTCA)	53826-13-4	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-perfluorodecyl acetate (10:2 FTOAc)	37858-05-2	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS), its salts^	39108-34-4	-	µg/kg	10	ND	ND	ND
1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA)	27905-45-9	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA)	1996-88-9	-	µg/kg	100	ND	ND	ND
2H,2H-Perfluorodecane Acid (8:2 FTCA), its salts^	27854-31-5	-	µg/kg	10	ND	ND	ND
1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	678-39-7	-	µg/kg	100	ND	ND	ND
1-Iodo-1H,1H,2H,2H-perfluorodecane (8:2 FTI)	2043-53-0	-	µg/kg	100	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	B3+B26	B36+B55	B70+B71
1H,1H,2H,2H-Perfluorodecyltriethoxysilane (8:2 FTSi(OC ₂ H ₅) ₃)	101947-16-4	-	µg/kg	100	ND	ND	ND
bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluorodecyl) hydrogen phosphate (8:2 diPAP), its salts^	678-41-1	-	µg/kg	10	ND	ND	ND
2H,2H,3H,3H-Perfluoroundecanoic Acid (8:3 FTCA), its salts^	34598-33-9	-	µg/kg	10	ND	ND	ND
1H,1H,2H-Heptafluorodec-1-ene (PFDE)	21652-58-4	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorodecyltrichlorosilane (8:2 FTSiCl ₃)/1H,1H,2H,2H-Perfluorodecyltrimethoxysilane (8:2 FTSi(OCH ₃) ₃)	78560-44-8 / 83048-65-1	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-perfluorodecyl acetate (8:2 FTOAc)	37858-04-1	-	µg/kg	100	ND	ND	ND
8:2 Fluorotelomer phosphate monoester (8:2 monoPAP), its salts^	57678-03-2	-	µg/kg	100	ND	ND	ND
10:2 Fluorotelomer phosphate monoester (10:2 monoPAP), its salts^	57678-05-4	-	µg/kg	100	ND	ND	ND
N-(4,4,5,5,6,6,7,7,8,8,9,9,9-tridecafluorononyl)iodoacetamide	852527-50-5	-	µg/kg	10	ND	ND	ND
Sum of C9-C14 PFCA-related substances	-	260	µg/kg	-	ND	ND	ND
Conclusion					Pass	Pass	Pass

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	B73+B77	B78+B80	B82+B83
C9-C14 PFCA, their salts							
Perfluorononane Acid (PFNA), its salts^	375-95-1	-	µg/kg	10	ND	ND	ND
Perfluorodecane Acid (PFDA), its salts^	335-76-2	-	µg/kg	10	ND	ND	ND
Perfluoroundecanoic Acid (PFUnDA), its salts^	2058-94-8	-	µg/kg	10	ND	ND	ND
Perfluorododecanoic Acid (PFDoDA), its salts^	307-55-1	-	µg/kg	10	ND	ND	ND
Perfluorotridecanoic Acid (PFTrDA), its salts^	72629-94-8	-	µg/kg	10	ND	ND	ND
Perfluorotetradecanoic Acid (PFTDA), its salts^	376-06-7	-	µg/kg	10	ND	ND	ND
Perfluoro-3,7-dimethyloctanoic Acid (PF-3,7-DMOA)	172155-07-6	-	µg/kg	10	ND	ND	ND
Sum of C9-C14 PFCA, their salts	-	25	µg/kg	-	ND	ND	ND
C9-C14 PFCA-related substances							
Perfluorodecane sulfonic acid (PFDS), its salts^	335-77-3	-	µg/kg	10	ND	ND	ND
1H,1H,2H,2H-Perfluoro-1-dodecanol (10:2 FTOH)	865-86-1	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorododecyl acrylate (10:2 FTA)	17741-60-5	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorododecyl methacrylate (10:2 FTMA)	2144-54-9	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-perfluorotetradecan-1-ol (12:2 FTOH)	39239-77-5	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorododecan	120226-60-0	-	µg/kg	100	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	B73+B77	B78+B80	B82+B83
e sulfonic acid (10:2 FTS), its salts^							
1,1,1,2-Tetrahydroperfluorododecyl iodide (10:2 FTI)	2043-54-1	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorotetradecyl iodide (12:2 FTI)	30046-31-2	-	µg/kg	100	ND	ND	ND
Perfluorononane sulfonic acid (PFNS), its salts^	68259-12-1	-	µg/kg	10	ND	ND	ND
Perfluoroundecane sulfonic acid (PFUnDS), its salts^	749786-16-1	-	µg/kg	10	ND	ND	ND
Perfluorododecane sulfonic acid (PFDoDS), its salts^	79780-39-5	-	µg/kg	10	ND	ND	ND
Perfluorotridecane sulfonic acid (PFTrDS), its salts^	791563-89-8	-	µg/kg	10	ND	ND	ND
10:2 Fluorotelomerphosphatediester (10:2 diPAP), its salts^	1895-26-7	-	µg/kg	100	ND	ND	ND
Perfluorodecyl iodide (PFDI)	423-62-1	-	µg/kg	100	ND	ND	ND
Perfluorododecyl iodide (PFDoDI)	307-60-8	-	µg/kg	100	ND	ND	ND
2H-Perfluoro-2-dodecenoic acid (10:2 FTUCA)	70887-94-4	-	µg/kg	100	ND	ND	ND
2-Perfluorodecyl ethanoic acid (10:2 FTCA)	53826-13-4	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-perfluorododecyl acetate (10:2 FTOAc)	37858-05-2	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS), its salts^	39108-34-4	-	µg/kg	10	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	B73+B77	B78+B80	B82+B83
1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA)	27905-45-9	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA)	1996-88-9	-	µg/kg	100	ND	ND	ND
2H,2H-Perfluorodecane Acid (8:2 FTCA), its salts^	27854-31-5	-	µg/kg	10	ND	ND	ND
1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	678-39-7	-	µg/kg	100	ND	ND	ND
1-Iodo-1H,1H,2H,2H-perfluorodecane (8:2 FTI)	2043-53-0	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorodecyltriethoxysilane (8:2 FTSi(OC ₂ H ₅) ₃)	101947-16-4	-	µg/kg	100	ND	ND	ND
bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluorodecyl) hydrogen phosphate (8:2 diPAP), its salts^	678-41-1	-	µg/kg	10	ND	ND	ND
2H,2H,3H,3H-Perfluoroundecanoic Acid (8:3 FTCA), its salts^	34598-33-9	-	µg/kg	10	ND	ND	ND
1H,1H,2H-Heptafluoro-1-decene (PFDE)	21652-58-4	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorodecyltriethoxysilane (8:2 FTSiCl ₃)/1H,1H,2H,2H-Perfluorodecyltrimethoxysilane (8:2 FTSi(OCH ₃) ₃)	78560-44-8 / 83048-65-1	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-perfluorodecyl acetate (8:2 FTOAc)	37858-04-1	-	µg/kg	100	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	B73+B77	B78+B80	B82+B83
8:2 Fluorotelomer phosphate monoester (8:2 monoPAP), its salts^	57678-03-2	-	µg/kg	100	ND	ND	ND
10:2 Fluorotelomer phosphate monoester (10:2 monoPAP), its salts^	57678-05-4	-	µg/kg	100	ND	ND	ND
N-(4,4,5,5,6,6,7,7,8,8,9,9,9-tridecafluorononyl)iodoacetamide	852527-50-5	-	µg/kg	10	ND	ND	ND
Sum of C9-C14 PFCA-related substances	-	260	µg/kg	-	ND	ND	ND
Conclusion					Pass	Pass	Pass

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	B84+B85	B87+B88	B89+B90
C9-C14 PFCA, their salts							
Perfluorononane Acid (PFNA), its salts^	375-95-1	-	µg/kg	10	ND	ND	ND
Perfluorodecane Acid (PFDA), its salts^	335-76-2	-	µg/kg	10	ND	ND	ND
Perfluoroundecanoic Acid (PFUnDA), its salts^	2058-94-8	-	µg/kg	10	ND	ND	ND
Perfluorododecanoic Acid (PFDoDA), its salts^	307-55-1	-	µg/kg	10	ND	ND	ND
Perfluorotridecanoic Acid (PFTrDA), its salts^	72629-94-8	-	µg/kg	10	ND	ND	ND
Perfluorotetradecanoic Acid (PFTDA), its salts^	376-06-7	-	µg/kg	10	ND	ND	ND
Perfluoro-3,7-dimethyloctanoic Acid (PF-3,7-DMOA)	172155-07-6	-	µg/kg	10	ND	ND	ND
Sum of C9-C14 PFCA, their salts	-	25	µg/kg	-	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	B84+B85	B87+B88	B89+B90
C9-C14 PFCA-related substances							
Perfluorodecane sulfonic acid (PFDS), its salts^	335-77-3	-	µg/kg	10	ND	ND	ND
1H,1H,2H,2H-Perfluoro-1-dodecanol (10:2 FTOH)	865-86-1	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorododecyl acrylate (10:2 FTA)	17741-60-5	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorododecyl methacrylate (10:2 FTMA)	2144-54-9	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-perfluorotetradecan-1-ol (12:2 FTOH)	39239-77-5	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorododecane sulfonic acid (10:2 FTS), its salts^	120226-60-0	-	µg/kg	100	ND	ND	ND
1,1,2,2-Tetrahydroperfluorododecyl iodide (10:2 FTI)	2043-54-1	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorotetradecyl iodide (12:2 FTI)	30046-31-2	-	µg/kg	100	ND	ND	ND
Perfluorononane sulfonic acid (PFNS), its salts^	68259-12-1	-	µg/kg	10	ND	ND	ND
Perfluoroundecane sulfonic acid (PFUnDS), its salts^	749786-16-1	-	µg/kg	10	ND	ND	ND
Perfluorododecane sulfonic acid (PFDoDS), its salts^	79780-39-5	-	µg/kg	10	ND	ND	ND
Perfluorotridecane sulfonic acid (PFTrDS), its salts^	791563-89-8	-	µg/kg	10	ND	ND	ND
10:2 Fluorotelomerphos	1895-26-7	-	µg/kg	100	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	B84+B85	B87+B88	B89+B90
phatediester (10:2 diPAP), its salts^							
Perfluorodecyl iodide (PFDI)	423-62-1	-	µg/kg	100	ND	ND	ND
Perfluorododecyl iodide (PFDoDI)	307-60-8	-	µg/kg	100	ND	ND	ND
2H-Perfluoro-2-dodecenoic acid (10:2 FTUCA)	70887-94-4	-	µg/kg	100	ND	ND	ND
2-Perfluorodecyl ethanoic acid (10:2 FTCA)	53826-13-4	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-perfluorododecyl acetate (10:2 FTOAc)	37858-05-2	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorodecanes ulfonic acid (8:2 FTS), its salts^	39108-34-4	-	µg/kg	10	ND	ND	ND
1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA)	27905-45-9	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA)	1996-88-9	-	µg/kg	100	ND	ND	ND
2H,2H-Perfluorodecane Acid (8:2 FTCA), its salts^	27854-31-5	-	µg/kg	10	ND	ND	ND
1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	678-39-7	-	µg/kg	100	ND	ND	ND
1-Iodo-1H,1H,2H,2H-perfluorodecane (8:2 FTI)	2043-53-0	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorodecyltriethoxysilane (8:2 FTSi(OC ₂ H ₅) ₃)	101947-16-4	-	µg/kg	100	ND	ND	ND
bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluorodecyl) hydrogen phosphate (8:2 diPAP), its salts^	678-41-1	-	µg/kg	10	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	B84+B85	B87+B88	B89+B90
2H,2H,3H,3H-Perfluoroundecanoic Acid (8:3 FTCA), its salts^	34598-33-9	-	µg/kg	10	ND	ND	ND
1H,1H,2H-Heptadecafluoro-1-decene (PFDE)	21652-58-4	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-Perfluorodecyltrimethylchlorosilane (8:2 FTSiCl ₃)/1H,1H,2H,2H-Perfluorodecyltrimethoxysilane (8:2 FTSi(OCH ₃) ₃)	78560-44-8 /83048-65-1	-	µg/kg	100	ND	ND	ND
1H,1H,2H,2H-perfluorodecyl acetate (8:2 FTOAc)	37858-04-1	-	µg/kg	100	ND	ND	ND
8:2 Fluorotelomer phosphate monoester (8:2 monoPAP) , its salts^	57678-03-2	-	µg/kg	100	ND	ND	ND
10:2 Fluorotelomerphosphate monoester (10:2 monoPAP), its salts^	57678-05-4	-	µg/kg	100	ND	ND	ND
N-(4,4,5,5,6,6,7,7,8,8,9,9,9-tridecafluorononyl)iodoacetamide	852527-50-5	-	µg/kg	10	ND	ND	ND
Sum of C9-C14 PFCA-related substances	-	260	µg/kg	-	ND	ND	ND
Conclusion					Pass	Pass	Pass

Notes:

(1) 1µg/kg=1ppb.

- (2) Until 25 August 2024, the concentration limit shall be 2000 ppb for the sum of C9-C14 PFCA in fluoroplastics and fluoroelastomers that contain perfluoroalkoxy groups. From 25 August 2024, the concentration limit shall be 100 ppb for the sum of C9-C14 PFCA, in fluoroplastics and fluoroelastomers that contain perfluoroalkoxy groups.
- (3) The concentration limit shall be 1000ppb for the sum of C9-C14 PFCA, where these are present in PTFE micro powders produced by ionising irradiation or by thermal degradation, as well as in mixtures and articles for industrial and professional uses containing PTFE micro powders.

(4) ^=Substances refer to its salts/derivative listed in below table.

Substance Name	CAS No.
PFNA, its salts	
Perfluorononane Acid (PFNA)	375-95-1
Perfluorononanoate Na-Salt (PFNA-Na)	21049-39-8
Nonanoic acid, heptadecafluoro-, ammonium salt (PFNA-NH ₄)	4149-60-4
Potassium perfluorononanoate (PFNA-K)	21049-38-7
Perfluorononanoate Li-Salt (PFNA-Li)	60871-92-3
Silver perfluorononanoate (PFNA-Ag)	7358-16-9
Methanaminium perfluorononanoate (PFNA-NH ₃ (CH ₃))	77032-23-6
Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-, compd. with N-ethylethanamine (1:1) PFNA-NH ₂ (C ₂ H ₅) ₂	77032-27-0
Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-, compd. with N-methylmethanamine (1:1) (PFNA-NH ₂ (CH ₃) ₂)	77032-24-7
Nonanoic acid, heptadecafluoro-, compd. with N,N-diethylethanamine (1:1) (9CI) (PFNA-NH(C ₂ H ₅) ₃)	327176-80-7
Nonanoic acid, heptadecafluoro-, compd. with piperidine (1:1) (9CI) (PFNA-NH ₂ (C ₅ H ₁₀))	95682-66-9
Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptadecafluoro-, compd. with benzenamine (1:1) (PFNA-NH ₃ (C ₆ H ₅))	95682-67-0
Nonanoic acid, heptadecafluoro-, compd. with cyclohexanamine (1:1) (9CI) (PFNA-NH ₃ (C ₆ H ₁₁))	328531-06-2
Perfluorononanoate (anion)	72007-68-2
4-[(6-Methoxy-3-pyridazinyl)sulfamoyl]anilinium heptadecafluorononanoate (PFNA-C ₁₁ H ₁₂ N ₄ O ₃ S)	298703-33-0
Perfluorononanoic anhydride (PFNAA)	228407-54-3
PFDA, its salts	
Perfluorodecane Acid (PFDA)	335-76-2
Sodium perfluorodecanoate (PFDA-Na)	3830-45-3
Perfluorodecanoate ammonium salt (PFDA-NH ₄)	3108-42-7
Potassium perfluorodecanoate (PFDA-K)	51604-85-4
Silver perfluorodecanoate (PFDA-Ag)	5784-82-7
Lithium perfluorodecanoate (PFDA-Li)	84743-32-8
Perfluorodecanoate (anion)	73829-36-4
Perfluorodecanoic anhydride (PFDA)	942199-24-8
PFUnDA, its salts	
Perfluoroundecanoic Acid (PFUnDA)	2058-94-8
Perfluoroundecanoic acid sodium salt (PFUnDA-Na)	60871-96-7
Ammonium perfluoroundecanoate (PFUnDA-NH ₄)	4234-23-5
Potassium perfluoroundecanoate (PFUnDA-K)	30377-53-8
Calcium perfluoroundecanoate (PFUnDA-Ca)	97163-17-2
Perfluoroundecanoate (anion)	196859-54-8
PFDoDA, its salts	
Perfluorododecanoic Acid (PFDoDA)	307-55-1
Ammonium tricosafuorododecanoate (PFDoDA-NH ₄)	3793-74-6
Perfluorododecanoate (anion)	171978-95-3
PFTrDA, its salts	
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8
Ammonium perfluorotridecanoate (PFTrDA-NH ₄)	4288-72-6

Sodium perfluorotridecanoate (PFTrDA-Na)	60872-01-7
Perfluorotridecanoate (anion)	862374-87-6
PFTDA, its salts	
Perfluorotetradecanoic Acid (PFTDA)	376-06-7
Perfluorotetradecanoate (anion)	365971-87-5
PFDS, its salts	
Perfluorodecane Sulfonate (PFDS)	335-77-3
Perfluorodecanesulfonate Na-salt (PFDS-Na)	2806-15-7
Perfluorodecanesulfonate K-salt (PFDS-K)	2806-16-8
Perfluorodecanesulfonic acid ammonium salt (PFDS-NH ₄)	67906-42-7
Perfluorodecane sulfonate (anion)	126105-34-8
Perfluorodecane sulfonic anhydride (PFDSA)	51667-62-0
PFNS, its salts	
Perfluoro nonane sulfonic acid (PFNS)	68259-12-1
Sodium perfluoro-1-nonanesulfonate (PFNS-Na)	98789-57-2
ammonium nonadecafluorononanesulphonate (PFNS-NH ₄)	17202-41-4
Potassium perfluorononanesulfonate (PFNS-K)	29359-39-5
Perfluorononane sulfonate (anion)	474511-07-4
PFUnDS, its salts	
Perfluoroundecane sulfonic acid (PFUnDS)	749786-16-1
Perfluoroundecanesulfonate (anion)	441296-91-9
PFDDoDS, its salts	
Perfluorododecanesulfonic acid (PFDDoDS)	79780-39-5
Sodium perfluoro-1-dodecanesulfonate (PFDDoDS-Na)	1260224-54-1
Potassium perfluorododecanesulfonate (PFDDoDS-K)	85187-17-3
Perfluorododecane sulfonate (anion)	343629-43-6
PFTrDS, its salts	
Perfluorotridecane sulfonic acid (PFTrDS)	791563-89-8
Sodium perfluoro-1-tridecanesulfonate (PFTrDS-Na)	174675-49-1
10:2 diPAP, its salts	
10:2 Fluortelomerphosphatediester (10:2 diPAP)	1895-26-7
Bis((perfluorodecyl)ethyl) hydrogen phosphate 2,2'-iminodiethanol (10:2 diPAP-C ₄ H ₁₁ O ₂)	57677-98-2
8:2 FTS, its salts	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4
Potassium 1H,1H,2H,2H-Perfluorodecane sulfonate (8:2 FTS-K)	438237-73-1
Ammonium 1H,1H,2H,2H-Perfluorodecane sulfonate (8:2 FTS-NH ₄)	149724-40-3
Sodium 1H,1H,2H,2H-Perfluorodecane sulfonate (8:2 FTS-Na)	27619-96-1
2-(Perfluorooctyl)ethane-1-sulfonate (8:2 FTS(anion))	481071-78-7
8:2 FTCA, its salts	
2H,2H-Perfluorodecane Acid (8:2 FTCA)	27854-31-5
Tetrabutylphosphonium 2H,2H-Perfluorodecanoate (8:2 FTCA-P(C ₄ H ₉) ₄)	882489-14-7
8:2 diPAP, its salts	
Bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluorodecyl) hydrogen phosphate (8:2 diPAP)	678-41-1
Sodium bis(1H,1H,2H,2H-perfluorodecyl)phosphate (8:2 diPAP-Na)	114519-85-6
Bis(2-hydroxyethyl)ammonium bis((perfluorooctyl)ethyl) hydrogen phosphate	57677-97-1

Bis[2-(perfluorooctyl)ethyl] phosphate ammonium salt (8:2 diPAP-NH ₄)	93776-20-6
8:2 Fluorotelomer phosphate diester ion (1-)	1411713-91-1
8:3 FTCA, its salts	
2H,2H,3H,3H-Perfluoroundecanoic acid (8:3 FTCA)	34598-33-9
Potassium 2H,2H,3H,3H-Perfluoroundecanoate (8:3 FTCA-K)	83310-58-1
2H,2H,3H,3H-Perfluoroundecanoate (8:3 FTCA-Li)	67304-23-8
8:2 monoPAP, its salts	
8:2 Fluorotelomer phosphate monoester (8:2 monoPAP)	57678-03-2
8:2 Fluorotelomer diammonium phosphate	93857-44-4
Disodium 1H,1H,2H,2H-perfluorodecylphosphate	438237-75-3
Ammonium bis[2-(perfluorohexyl)ethyl] phosphate	1764-95-0
3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluorooctanol phosphate ammonium salt	92401-44-0
Sodium 1H,1H,2H,2H-perfluorooctylphosphate	144965-22-0
Monopotassium monoperfluorohexyl ethylphosphate	150033-28-6
Ammonium 2-(perfluorohexyl)ethyl hydrogen phosphate	2353-52-8
10:2 monoPAP, its salts	
10:2 Fluorotelomerphosphatemonoester (10:2 monoPAP)	57678-05-4
10:2 Fluorotelomer diammonium dihydrogen phosphate	93857-45-5

(5) The conclusion is only applicable to the substance list in the report.

Entry 79 of Regulation (EU) 2024/2462 amending Annex XVII of REACH Regulation (EC) No 1907/2006 - undecafluorohexanoic acid (PFHxA), its salts and PFHxA-related substances

Test Method: Modified EN 17681-1:2022 and EN 17681-2:2022, analysis was performed by LC-MS or LC-MS/MS and GC-MS.

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A2+A4	A6+A8	A10+A11
PFHxA, its salts							
Perfluorohexane Acid (PFHxA), its salts^	307-24-4	25	µg/kg	10	ND	ND	ND
PFHxA-related compounds							
1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH)	647-42-7	-	µg/kg	100	ND	ND	ND
1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-8-iodooctane (6:2 FTI)	2043-57-4	-	µg/kg	200	ND	ND	ND
1H,1H,2H,2H-Perfluorooctyl	2144-53-8	-	µg/kg	200	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A2+A4	A6+A8	A10+A11
methacrylate (6:2 FTMA)							
1H,1H,2H,2H-Perfluorooctylacrylate (6:2 FTA)	17527-29-6	-	µg/kg	200	ND	ND	ND
1H,1H,2H,2H-Perfluorooctanesulphonic acid (6:2 FTS), its salts^	27619-97-2	-	µg/kg	10	ND	ND	ND
1H,1H,2H,2H-Perfluorooctyltriethoxysilane (6:2 FTSi(OC ₂ H ₅) ₃)	51851-37-7	-	µg/kg	500	ND	ND	ND
1H,1H,2H,2H-Perfluorooctyltriethoxysilane (6:2 FTSiCl ₃)	78560-45-9	-	µg/kg	200	ND	ND	ND
1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-6-iodohexane (PFHx-I)	355-43-1	-	µg/kg	200	ND	ND	ND
1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-8-iodononane	38550-34-4	-	µg/kg	200	ND	ND	ND
n-[3-(dimethylamino)propyl] 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctanesulphonamide n-oxide	80475-32-7	-	µg/kg	100	ND	ND	ND
thiocyanic acid, 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl ester	26650-09-9	-	µg/kg	200	ND	ND	ND
6:2 Fluorotelomer phosphate monoester (6:2 monoPAP), its salts^	57678-01-0	-	µg/kg	100	ND	ND	ND
2h,2h,3h,3h-perfluorononanoic acid (6:3 FTCA)	27854-30-4	-	µg/kg	100	ND	ND	ND
3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctan	34451-26-8	-	µg/kg	200	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A2+A4	A6+A8	A10+A11
e-1-thiol (6:2 FTSH)							
1H,1H,2H,2H-Perfluorooctyldimethylchlorosilane (6:2 FTSiMe ₂ Cl)	102488-47-1	-	µg/kg	200	ND	ND	ND
1H,1H-Tridecafluoro-1-iodoheptane (6:1 FTI)	212563-43-4	-	µg/kg	200	ND	ND	ND
4,4,5,5,6,6,7,7,8,8,9,9,9-Tridecafluorononyl iodide (6:3 FTI)	89889-20-3	-	µg/kg	200	ND	ND	ND
Perfluorohexyl ethylphosphonic acid (6:2 FTPA), its salts^	252237-40-4	-	µg/kg	100	ND	ND	ND
1-hexanol, 2,2,3,3,4,4,5,5,6,6,6-undecafluoro- (5:1 FTOH)	423-46-1	-	µg/kg	200	ND	ND	ND
2,2,3,3,4,4,5,5,6,6,7,7,7-tridecafluoroheptanol-1-ol (6:1 FTOH)	375-82-6	-	µg/kg	200	ND	ND	ND
4,4,5,5,6,6,7,7,8,8,9,9,9-tridecafluorononanol-1-ol (6:3 FTOH)	80806-68-4	-	µg/kg	200	ND	ND	ND
3,3,4,4,5,5,6,6,7,7,7-undecafluoro-2-heptanol (5:2sFTOH)	914637-05-1	-	µg/kg	200	ND	ND	ND
1-(perfluorohexyl)octane (F ₆ H ₈)	133331-77-8	-	µg/kg	200	ND	ND	ND
1H,1H-Tridecafluoroheptylamine (6:1 FTNH ₂)	423-49-4	-	µg/kg	200	ND	ND	ND
2H-Perfluoro-2-octenoic acid (6:2 FTUCA)	70887-88-6	-	µg/kg	10	ND	ND	ND
6:6 Perfluorophosphonic acid (6:6 PFPI), its salts^	40143-77-9	-	µg/kg	10	ND	ND	ND
6:8 Perfluorophosphi	610800-34-5	-	µg/kg	10	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A2+A4	A6+A8	A10+A11
nic acid (6:8 PFPi)							
Sum of PFHxA-related compounds	-	1000	µg/kg	-	ND	ND	ND
Conclusion					Pass	Pass	Pass

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A17+A20	A43+A55	A57+A58
PFHxA, its salts							
Perfluorohexane Acid (PFHxA), its salts^	307-24-4	25	µg/kg	10	ND	ND	ND
PFHxA-related compounds							
1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH)	647-42-7	-	µg/kg	100	ND	ND	ND
1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-8-iodooctane (6:2 FTI)	2043-57-4	-	µg/kg	200	ND	ND	ND
1H,1H,2H,2H-Perfluorooctyl methacrylate (6:2 FTMA)	2144-53-8	-	µg/kg	200	ND	ND	ND
1H,1H,2H,2H-Perfluorooctylacrylate (6:2 FTA)	17527-29-6	-	µg/kg	200	ND	ND	ND
1H,1H,2H,2H-Perfluorooctanesulphonic acid (6:2 FTS), its salts^	27619-97-2	-	µg/kg	10	ND	ND	ND
1H,1H,2H,2H-Perfluorooctyltriethoxysilane (6:2 FTSi(OC ₂ H ₅) ₃)	51851-37-7	-	µg/kg	500	ND	ND	ND
1H,1H,2H,2H-Perfluorooctyltrichlorosilane (6:2 FTSiCl ₃)	78560-45-9	-	µg/kg	200	ND	ND	ND
1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-6-iodohexane (PFHx-I)	355-43-1	-	µg/kg	200	ND	ND	ND
1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-8-iodononane	38550-34-4	-	µg/kg	200	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A17+A20	A43+A55	A57+A58
n-[3-(dimethylamino)propyl] 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctanesulphonamide n-oxide	80475-32-7	-	µg/kg	100	ND	ND	ND
thiocyanic acid, 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl ester	26650-09-9	-	µg/kg	200	ND	ND	ND
6:2 Fluorotelomer phosphate monoester (6:2 monoPAP), its salts^	57678-01-0	-	µg/kg	100	ND	ND	ND
2h,2h,3h,3h-perfluorononanoic acid (6:3 FTCA)	27854-30-4	-	µg/kg	100	ND	ND	ND
3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctane-1-thiol (6:2 FTSH)	34451-26-8	-	µg/kg	200	ND	ND	ND
1H,1H,2H,2H-Perfluorooctyldimethylchlorosilane (6:2 FTSiMe ₂ Cl)	102488-47-1	-	µg/kg	200	ND	ND	ND
1H,1H-Tridecafluoro-1-iodoheptane (6:1 FTI)	212563-43-4	-	µg/kg	200	ND	ND	ND
4,4,5,5,6,6,7,7,8,8,9,9,9-Tridecafluorononyl iodide (6:3 FTI)	89889-20-3	-	µg/kg	200	ND	ND	ND
Perfluorohexyl ethylphosphonic acid (6:2 FTPA), its salts^	252237-40-4	-	µg/kg	100	ND	ND	ND
1-hexanol, 2,2,3,3,4,4,5,5,6,6,6-undecafluoro- (5:1 FTOH)	423-46-1	-	µg/kg	200	ND	ND	ND
2,2,3,3,4,4,5,5,6,6,7,7,7-tridecafluoroheptan-1-ol (6:1 FTOH)	375-82-6	-	µg/kg	200	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A17+A20	A43+A55	A57+A58
4,4,5,5,6,6,7,7,8,8,9,9,9-tridecafluorononan-1-ol (6:3 FTOH)	80806-68-4	-	µg/kg	200	ND	ND	ND
3,3,4,4,5,5,6,6,7,7,7-undecafluoro-2-heptanol (5:2sFTOH)	914637-05-1	-	µg/kg	200	ND	ND	ND
1-(perfluorohexyl)octane (F ₆ H ₈)	133331-77-8	-	µg/kg	200	ND	ND	ND
1H,1H-Tridecafluoroheptylamine (6:1 FTNH ₂)	423-49-4	-	µg/kg	200	ND	ND	ND
2H-Perfluoro-2-octenoic acid (6:2 FTUCA)	70887-88-6	-	µg/kg	10	ND	ND	ND
6:6 Perfluorophosphonic acid (6:6 PFPi), its salts^	40143-77-9	-	µg/kg	10	ND	ND	ND
6:8 Perfluorophosphonic acid (6:8 PFPi)	610800-34-5	-	µg/kg	10	ND	ND	ND
Sum of PFHxA-related compounds	-	1000	µg/kg	-	ND	ND	ND
Conclusion					Pass	Pass	Pass

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A60+A70	A71+A97	A98+A99
PFHxA, its salts							
Perfluorohexane Acid (PFHxA), its salts^	307-24-4	25	µg/kg	10	ND	ND	ND
PFHxA-related compounds							
1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH)	647-42-7	-	µg/kg	100	ND	ND	ND
1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-8-iodooctane (6:2 FTI)	2043-57-4	-	µg/kg	200	ND	ND	ND
1H,1H,2H,2H-Perfluorooctyl methacrylate (6:2 FTMA)	2144-53-8	-	µg/kg	200	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A60+A70	A71+A97	A98+A99
1H,1H,2H,2H-Perfluorooctylacrylate (6:2 FTA)	17527-29-6	-	µg/kg	200	ND	ND	ND
1H,1H,2H,2H-Perfluorooctanesulphonic acid (6:2 FTS), its salts^	27619-97-2	-	µg/kg	10	ND	ND	ND
1H,1H,2H,2H-Perfluorooctyltriethoxysilane (6:2 FTSi(OC ₂ H ₅) ₃)	51851-37-7	-	µg/kg	500	ND	ND	ND
1H,1H,2H,2H-Perfluorooctyltrichlorosilane (6:2 FTSiCl ₃)	78560-45-9	-	µg/kg	200	ND	ND	ND
1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-6-iodohexane (PFHx-I)	355-43-1	-	µg/kg	200	ND	ND	ND
1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-8-iodononane	38550-34-4	-	µg/kg	200	ND	ND	ND
n-[3-(dimethylamino)propyl] 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctanesulphonamide n-oxide	80475-32-7	-	µg/kg	100	ND	ND	ND
thiocyanic acid, 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl ester	26650-09-9	-	µg/kg	200	ND	ND	ND
6:2 Fluorotelomer phosphate monoester (6:2 monoPAP), its salts^	57678-01-0	-	µg/kg	100	ND	ND	ND
2h,2h,3h,3h-perfluorononanoic acid (6:3 FTCA)	27854-30-4	-	µg/kg	100	ND	ND	ND
3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctane-1-thiol (6:2 FTSH)	34451-26-8	-	µg/kg	200	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A60+A70	A71+A97	A98+A99
1H,1H,2H,2H-Perfluorooctyldimethylchlorosilane (6:2 FTSiMe ₂ Cl)	102488-47-1	-	µg/kg	200	ND	ND	ND
1H,1H-Tridecafluoro-1-iodoheptane (6:1 FTI)	212563-43-4	-	µg/kg	200	ND	ND	ND
4,4,5,5,6,6,7,7,8,8,9,9,9-Tridecafluorononyl iodide (6:3 FTI)	89889-20-3	-	µg/kg	200	ND	ND	ND
Perfluorohexylethylphosphonic acid (6:2 FTPA), its salts^	252237-40-4	-	µg/kg	100	ND	ND	ND
1-hexanol, 2,2,3,3,4,4,5,5,6,6,6-undecafluoro- (5:1 FTOH)	423-46-1	-	µg/kg	200	ND	ND	ND
2,2,3,3,4,4,5,5,6,6,7,7,7-tridecafluoroheptanol-1-ol (6:1 FTOH)	375-82-6	-	µg/kg	200	ND	ND	ND
4,4,5,5,6,6,7,7,8,8,9,9,9-tridecafluorononanol-1-ol (6:3 FTOH)	80806-68-4	-	µg/kg	200	ND	ND	ND
3,3,4,4,5,5,6,6,7,7,7-undecafluoro-2-heptanol (5:2sFTOH)	914637-05-1	-	µg/kg	200	ND	ND	ND
1-(perfluorohexyl)octane (F ₆ H ₈)	133331-77-8	-	µg/kg	200	ND	ND	ND
1H,1H-Tridecafluoroheptylamine (6:1 FTNH ₂)	423-49-4	-	µg/kg	200	ND	ND	ND
2H-Perfluoro-2-octenoic acid (6:2 FTUCA)	70887-88-6	-	µg/kg	10	ND	ND	ND
6:6 Perfluorophosphonic acid (6:6 PFPI), its salts^	40143-77-9	-	µg/kg	10	ND	ND	ND
6:8 Perfluorophosphonic acid (6:8 PFPI)	610800-34-5	-	µg/kg	10	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A60+A70	A71+A97	A98+A99
Sum of PFHxA-related compounds	-	1000	µg/kg	-	ND	ND	ND
Conclusion					Pass	Pass	Pass

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A102+A103	A104+A105	A106+A107
PFHxA, its salts							
Perfluorohexane Acid (PFHxA), its salts [^]	307-24-4	25	µg/kg	10	ND	ND	ND
PFHxA-related compounds							
1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH)	647-42-7	-	µg/kg	100	ND	ND	ND
1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-8-iodooctane (6:2 FTI)	2043-57-4	-	µg/kg	200	ND	ND	ND
1H,1H,2H,2H-Perfluorooctyl methacrylate (6:2 FTMA)	2144-53-8	-	µg/kg	200	ND	ND	ND
1H,1H,2H,2H-Perfluorooctylacrylate (6:2 FTA)	17527-29-6	-	µg/kg	200	ND	ND	ND
1H,1H,2H,2H-Perfluorooctanesulphonic acid (6:2 FTS), its salts [^]	27619-97-2	-	µg/kg	10	ND	ND	ND
1H,1H,2H,2H-Perfluorooctyltriethoxysilane (6:2 FTSi(OC ₂ H ₅) ₃)	51851-37-7	-	µg/kg	500	ND	ND	ND
1H,1H,2H,2H-Perfluorooctyltrichlorosilane (6:2 FTSiCl ₃)	78560-45-9	-	µg/kg	200	ND	ND	ND
1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-6-iodohexane (PFHx-I)	355-43-1	-	µg/kg	200	ND	ND	ND
1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-8-iodononane	38550-34-4	-	µg/kg	200	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A102+A103	A104+A105	A106+A107
n-[3-(dimethylamino)propyl] 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctanesulphonamide n-oxide	80475-32-7	-	µg/kg	100	ND	ND	ND
thiocyanic acid, 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl ester	26650-09-9	-	µg/kg	200	ND	ND	ND
6:2 Fluorotelomer phosphate monoester (6:2 monoPAP), its salts^	57678-01-0	-	µg/kg	100	ND	ND	ND
2h,2h,3h,3h-perfluorononanoic acid (6:3 FTCA)	27854-30-4	-	µg/kg	100	ND	ND	ND
3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctane-1-thiol (6:2 FTSH)	34451-26-8	-	µg/kg	200	ND	ND	ND
1H,1H,2H,2H-Perfluorooctyldimethylchlorosilane (6:2 FTSiMe ₂ Cl)	102488-47-1	-	µg/kg	200	ND	ND	ND
1H,1H-Tridecafluoro-1-iodoheptane (6:1 FTI)	212563-43-4	-	µg/kg	200	ND	ND	ND
4,4,5,5,6,6,7,7,8,8,9,9,9-Tridecafluorononyl iodide (6:3 FTI)	89889-20-3	-	µg/kg	200	ND	ND	ND
Perfluorohexylethylphosphonic acid (6:2 FTPA), its salts^	252237-40-4	-	µg/kg	100	ND	ND	ND
1-hexanol, 2,2,3,3,4,4,5,5,6,6,6-undecafluoro-(5:1 FTOH)	423-46-1	-	µg/kg	200	ND	ND	ND
2,2,3,3,4,4,5,5,6,6,7,7,7-	375-82-6	-	µg/kg	200	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A102+A103	A104+A105	A106+A107
tridecafluoroheptan-1-ol (6:1 FTOH)							
4,4,5,5,6,6,7,7,8,8,9,9,9-tridecafluorononan-1-ol (6:3 FTOH)	80806-68-4	-	µg/kg	200	ND	ND	ND
3,3,4,4,5,5,6,6,7,7,7-undecafluoro-2-heptanol (5:2sFTOH)	914637-05-1	-	µg/kg	200	ND	ND	ND
1-(perfluorohexyl)octane (F ₆ H ₈)	133331-77-8	-	µg/kg	200	ND	ND	ND
1H,1H-Tridecafluoroheptylamine (6:1 FTNH ₂)	423-49-4	-	µg/kg	200	ND	ND	ND
2H-Perfluoro-2-octenoic acid (6:2 FTUCA)	70887-88-6	-	µg/kg	10	ND	ND	ND
6:6 Perfluorophosphonic acid (6:6 PFPi), its salts^	40143-77-9	-	µg/kg	10	ND	ND	ND
6:8 Perfluorophosphonic acid (6:8 PFPi)	610800-34-5	-	µg/kg	10	ND	ND	ND
Sum of PFHxA-related compounds	-	1000	µg/kg	-	ND	ND	ND
Conclusion					Pass	Pass	Pass

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A108+A109	A112+A113	A121+A122
PFHxA, its salts							
Perfluorohexane Acid (PFHxA), its salts^	307-24-4	25	µg/kg	10	ND	ND	ND
PFHxA-related compounds							
1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH)	647-42-7	-	µg/kg	100	ND	ND	ND
1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-8-iodooctane (6:2 FTI)	2043-57-4	-	µg/kg	200	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A108+A109	A112+A113	A121+A122
1H,1H,2H,2H-Perfluorooctyl methacrylate (6:2 FTMA)	2144-53-8	-	µg/kg	200	ND	ND	ND
1H,1H,2H,2H-Perfluorooctylacrylate (6:2 FTA)	17527-29-6	-	µg/kg	200	ND	ND	ND
1H,1H,2H,2H-Perfluorooctanesulphonic acid (6:2 FTS), its salts^	27619-97-2	-	µg/kg	10	ND	ND	ND
1H,1H,2H,2H-Perfluorooctyltriethoxysilane (6:2 FTSi(OC ₂ H ₅) ₃)	51851-37-7	-	µg/kg	500	ND	ND	ND
1H,1H,2H,2H-Perfluorooctyltrichlorosilane (6:2 FTSiCl ₃)	78560-45-9	-	µg/kg	200	ND	ND	ND
1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-6-iodohexane (PFHx-I)	355-43-1	-	µg/kg	200	ND	ND	ND
1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-8-iodononane	38550-34-4	-	µg/kg	200	ND	ND	ND
n-[3-(dimethylamino)propyl] 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctanesulphonamide n-oxide	80475-32-7	-	µg/kg	100	ND	ND	ND
thiocyanic acid, 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl ester	26650-09-9	-	µg/kg	200	ND	ND	ND
6:2 Fluorotelomer phosphate monoester (6:2 monoPAP), its salts^	57678-01-0	-	µg/kg	100	ND	ND	ND
2h,2h,3h,3h-perfluorononanoic acid (6:3 FTCA)	27854-30-4	-	µg/kg	100	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A108+A109	A112+A113	A121+A122
3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctane-1-thiol (6:2 FTSH)	34451-26-8	-	µg/kg	200	ND	ND	ND
1H,1H,2H,2H-Perfluorooctyldimethylchlorosilane (6:2 FTSiMe ₂ Cl)	102488-47-1	-	µg/kg	200	ND	ND	ND
1H,1H-Tridecafluoro-1-iodoheptane (6:1 FTI)	212563-43-4	-	µg/kg	200	ND	ND	ND
4,4,5,5,6,6,7,7,8,8,9,9,9-Tridecafluorononyl iodide (6:3 FTI)	89889-20-3	-	µg/kg	200	ND	ND	ND
Perfluorohexylethylphosphonic acid (6:2 FTPA), its salts^	252237-40-4	-	µg/kg	100	ND	ND	ND
1-hexanol, 2,2,3,3,4,4,5,5,6,6,6-undecafluoro- (5:1 FTOH)	423-46-1	-	µg/kg	200	ND	ND	ND
2,2,3,3,4,4,5,5,6,6,7,7,7-tridecafluoroheptan-1-ol (6:1 FTOH)	375-82-6	-	µg/kg	200	ND	ND	ND
4,4,5,5,6,6,7,7,8,8,9,9,9-tridecafluorononan-1-ol (6:3 FTOH)	80806-68-4	-	µg/kg	200	ND	ND	ND
3,3,4,4,5,5,6,6,7,7,7-undecafluoro-2-heptanol (5:2sFTOH)	914637-05-1	-	µg/kg	200	ND	ND	ND
1-(perfluorohexyl)octane (F ₆ H ₈)	133331-77-8	-	µg/kg	200	ND	ND	ND
1H,1H-Tridecafluoroheptylamine (6:1 FTNH ₂)	423-49-4	-	µg/kg	200	ND	ND	ND
2H-Perfluoro-2-octenoic acid (6:2 FTUCA)	70887-88-6	-	µg/kg	10	ND	ND	ND
6:6 Perfluorophosphi	40143-77-9	-	µg/kg	10	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A108+A109	A112+A113	A121+A122
nic acid (6:6 PFPI), its salts^							
6:8 Perfluorophosphonic acid (6:8 PFPI)	610800-34-5	-	µg/kg	10	ND	ND	ND
Sum of PFHxA-related compounds	-	1000	µg/kg	-	ND	ND	ND
Conclusion					Pass	Pass	Pass

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A123+A124	A125+A126	A127+A128
PFHxA, its salts							
Perfluorohexane Acid (PFHxA), its salts^	307-24-4	25	µg/kg	10	ND	ND	ND
PFHxA-related compounds							
1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH)	647-42-7	-	µg/kg	100	ND	ND	ND
1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-8-iodooctane (6:2 FTI)	2043-57-4	-	µg/kg	200	ND	ND	ND
1H,1H,2H,2H-Perfluorooctyl methacrylate (6:2 FTMA)	2144-53-8	-	µg/kg	200	ND	ND	ND
1H,1H,2H,2H-Perfluorooctylacrylate (6:2 FTA)	17527-29-6	-	µg/kg	200	ND	ND	ND
1H,1H,2H,2H-Perfluorooctanesulphonic acid (6:2 FTS), its salts^	27619-97-2	-	µg/kg	10	ND	ND	ND
1H,1H,2H,2H-Perfluorooctyltriethoxysilane (6:2 FTSi(OC ₂ H ₅) ₃)	51851-37-7	-	µg/kg	500	ND	ND	ND
1H,1H,2H,2H-Perfluorooctyltrichlorosilane (6:2 FTSiCl ₃)	78560-45-9	-	µg/kg	200	ND	ND	ND
1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-6-	355-43-1	-	µg/kg	200	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A123+A12 4	A125+A12 6	A127+A12 8
iodohexane (PFHx-I)							
1,1,1,2,2,3,3,4,4,5 ,5,6,6- tridecafluoro-8- iodononane	38550-34-4	-	µg/kg	200	ND	ND	ND
n-[3- (dimethylamino)pr opyl] 3,3,4,4,5,5,6,6,7,7 ,8,8,8- tridecafluorooctan esulphonamide n- oxide	80475-32-7	-	µg/kg	100	ND	ND	ND
thiocyanic acid, 3,3,4,4,5,5,6,6,7,7 ,8,8,8- tridecafluorooctyl ester	26650-09-9	-	µg/kg	200	ND	ND	ND
6:2 Fluorotelomer phosphate monoester (6:2 monoPAP), its salts^	57678-01-0	-	µg/kg	100	ND	ND	ND
2h,2h,3h,3h- perfluorononanoic acid (6:3 FTCA)	27854-30-4	-	µg/kg	100	ND	ND	ND
3,3,4,4,5,5,6,6,7,7 ,8,8,8- tridecafluorooctan e-1-thiol (6:2 FTSH)	34451-26-8	-	µg/kg	200	ND	ND	ND
1H,1H,2H,2H- Perfluorooctyldim ethylchlorosilane (6:2 FTSiMe ₂ Cl)	102488-47-1	-	µg/kg	200	ND	ND	ND
1H,1H- Tridecafluoro-1- iodoheptane (6:1 FTI)	212563-43-4	-	µg/kg	200	ND	ND	ND
4,4,5,5,6,6,7,7,8,8 ,9,9,9- Tridecafluoronony l iodide (6:3 FTI)	89889-20-3	-	µg/kg	200	ND	ND	ND
Perfluorohexyl ethylphosphonic acid (6:2 FTPA), its salts^	252237-40-4	-	µg/kg	100	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A123+A12 4	A125+A12 6	A127+A12 8
1-hexanol, 2,2,3,3,4,4,5,5,6,6, 6-undecafluoro- (5:1 FTOH)	423-46-1	-	µg/kg	200	ND	ND	ND
2,2,3,3,4,4,5,5,6,6, 7,7,7- tridecafluorohepta n-1-ol (6:1 FTOH)	375-82-6	-	µg/kg	200	ND	ND	ND
4,4,5,5,6,6,7,7,8,8, 9,9,9- tridecafluoronona n-1-ol (6:3 FTOH)	80806-68-4	-	µg/kg	200	ND	ND	ND
3,3,4,4,5,5,6,6,7,7, 7-undecafluoro- 2-heptanol (5:2sFTOH)	914637-05-1	-	µg/kg	200	ND	ND	ND
1- (perfluorohexyl)oc tane (F ₆ H ₈)	133331-77-8	-	µg/kg	200	ND	ND	ND
1H,1H- Tridecafluorohept ylamine (6:1 FTNH ₂)	423-49-4	-	µg/kg	200	ND	ND	ND
2H-Perfluoro-2- octenoic acid (6:2 FTUCA)	70887-88-6	-	µg/kg	10	ND	ND	ND
6:6 Perfluorophosphi nic acid (6:6 PFPI), its salts^	40143-77-9	-	µg/kg	10	ND	ND	ND
6:8 Perfluorophosphi nic acid (6:8 PFPI)	610800-34-5	-	µg/kg	10	ND	ND	ND
Sum of PFHxA- related compounds	-	1000	µg/kg	-	ND	ND	ND
Conclusion					Pass	Pass	Pass

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	B3+B26	B36+B55	B70+B71
PFHxA, its salts							
Perfluorohexane Acid (PFHxA), its salts^	307-24-4	25	µg/kg	10	ND	ND	ND
PFHxA-related compounds							
1H,1H,2H,2H- Perfluoro-1- octanol (6:2 FTOH)	647-42-7	-	µg/kg	100	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	B3+B26	B36+B55	B70+B71
1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-8-iodooctane (6:2 FTI)	2043-57-4	-	µg/kg	200	ND	ND	ND
1H,1H,2H,2H-Perfluorooctyl methacrylate (6:2 FTMA)	2144-53-8	-	µg/kg	200	ND	ND	ND
1H,1H,2H,2H-Perfluorooctylacrylate (6:2 FTA)	17527-29-6	-	µg/kg	200	ND	ND	ND
1H,1H,2H,2H-Perfluorooctanesulphonic acid (6:2 FTS), its salts^	27619-97-2	-	µg/kg	10	ND	ND	ND
1H,1H,2H,2H-Perfluorooctyltriethoxysilane (6:2 FTSi(OC ₂ H ₅) ₃)	51851-37-7	-	µg/kg	500	ND	ND	ND
1H,1H,2H,2H-Perfluorooctyltrichlorosilane (6:2 FTSiCl ₃)	78560-45-9	-	µg/kg	200	ND	ND	ND
1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-6-iodohexane (PFHx-I)	355-43-1	-	µg/kg	200	ND	ND	ND
1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-8-iodononane	38550-34-4	-	µg/kg	200	ND	ND	ND
n-[3-(dimethylamino)propyl] 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctanesulphonamide n-oxide	80475-32-7	-	µg/kg	100	ND	ND	ND
thiocyanic acid, 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl ester	26650-09-9	-	µg/kg	200	ND	ND	ND
6:2 Fluorotelomer phosphate monoester (6:2	57678-01-0	-	µg/kg	100	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	B3+B26	B36+B55	B70+B71
monoPAP), its salts^							
2h,2h,3h,3h-perfluorononanoic acid (6:3 FTCA)	27854-30-4	-	µg/kg	100	ND	ND	ND
3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctane-1-thiol (6:2 FTSH)	34451-26-8	-	µg/kg	200	ND	ND	ND
1H,1H,2H,2H-Perfluorooctyldimethylchlorosilane (6:2 FTSiMe ₂ Cl)	102488-47-1	-	µg/kg	200	ND	ND	ND
1H,1H-Tridecafluoro-1-iodoheptane (6:1 FTI)	212563-43-4	-	µg/kg	200	ND	ND	ND
4,4,5,5,6,6,7,7,8,8,9,9,9-Tridecafluorononyl iodide (6:3 FTI)	89889-20-3	-	µg/kg	200	ND	ND	ND
Perfluorohexylethylphosphonic acid (6:2 FTPA), its salts^	252237-40-4	-	µg/kg	100	ND	ND	ND
1-hexanol, 2,2,3,3,4,4,5,5,6,6,6-undecafluoro- (5:1 FTOH)	423-46-1	-	µg/kg	200	ND	ND	ND
2,2,3,3,4,4,5,5,6,6,7,7,7-tridecafluoroheptan-1-ol (6:1 FTOH)	375-82-6	-	µg/kg	200	ND	ND	ND
4,4,5,5,6,6,7,7,8,8,9,9,9-tridecafluorononanol-1-ol (6:3 FTOH)	80806-68-4	-	µg/kg	200	ND	ND	ND
3,3,4,4,5,5,6,6,7,7,7-undecafluoro-2-heptanol (5:2sFTOH)	914637-05-1	-	µg/kg	200	ND	ND	ND
1-(perfluorohexyl)octane (F ₆ H ₈)	133331-77-8	-	µg/kg	200	ND	ND	ND
1H,1H-Tridecafluoroheptylamine (6:1 FTNH ₂)	423-49-4	-	µg/kg	200	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	B3+B26	B36+B55	B70+B71
2H-Perfluoro-2-octenoic acid (6:2 FTUCA)	70887-88-6	-	µg/kg	10	ND	ND	ND
6:6 Perfluorophosphonic acid (6:6 PFPI), its salts^	40143-77-9	-	µg/kg	10	ND	ND	ND
6:8 Perfluorophosphonic acid (6:8 PFPI)	610800-34-5	-	µg/kg	10	ND	ND	ND
Sum of PFHxA-related compounds	-	1000	µg/kg	-	ND	ND	ND
Conclusion					Pass	Pass	Pass

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	B73+B77	B78+B80	B82+B83
PFHxA, its salts							
Perfluorohexane Acid (PFHxA), its salts^	307-24-4	25	µg/kg	10	ND	ND	ND
PFHxA-related compounds							
1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH)	647-42-7	-	µg/kg	100	ND	ND	ND
1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-8-iodooctane (6:2 FTI)	2043-57-4	-	µg/kg	200	ND	ND	ND
1H,1H,2H,2H-Perfluorooctyl methacrylate (6:2 FTMA)	2144-53-8	-	µg/kg	200	ND	ND	ND
1H,1H,2H,2H-Perfluorooctylacrylate (6:2 FTA)	17527-29-6	-	µg/kg	200	ND	ND	ND
1H,1H,2H,2H-Perfluorooctanesulphonic acid (6:2 FTS), its salts^	27619-97-2	-	µg/kg	10	ND	ND	ND
1H,1H,2H,2H-Perfluorooctyltriethoxysilane (6:2 FTSi(OC ₂ H ₅) ₃)	51851-37-7	-	µg/kg	500	ND	ND	ND
1H,1H,2H,2H-Perfluorooctyltrichlorosilane (6:2 FTSiCl ₃)	78560-45-9	-	µg/kg	200	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	B73+B77	B78+B80	B82+B83
1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-6-iodohexane (PFHx-I)	355-43-1	-	µg/kg	200	ND	ND	ND
1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-8-iodononane	38550-34-4	-	µg/kg	200	ND	ND	ND
n-[3-(dimethylamino)propyl] 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctanesulphonamide n-oxide	80475-32-7	-	µg/kg	100	ND	ND	ND
thiocyanic acid, 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl ester	26650-09-9	-	µg/kg	200	ND	ND	ND
6:2 Fluorotelomer phosphate monoester (6:2 monoPAP), its salts^	57678-01-0	-	µg/kg	100	ND	ND	ND
2h,2h,3h,3h-perfluorononanoic acid (6:3 FTCA)	27854-30-4	-	µg/kg	100	ND	ND	ND
3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctane-1-thiol (6:2 FTSH)	34451-26-8	-	µg/kg	200	ND	ND	ND
1H,1H,2H,2H-Perfluorooctyldimethylchlorosilane (6:2 FTSiMe ₂ Cl)	102488-47-1	-	µg/kg	200	ND	ND	ND
1H,1H-Tridecafluoro-1-iodoheptane (6:1 FTI)	212563-43-4	-	µg/kg	200	ND	ND	ND
4,4,5,5,6,6,7,7,8,8,9,9,9-Tridecafluorononyl iodide (6:3 FTI)	89889-20-3	-	µg/kg	200	ND	ND	ND
Perfluorohexylethylphosphonic	252237-40-4	-	µg/kg	100	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	B73+B77	B78+B80	B82+B83
acid (6:2 FTPA), its salts^							
1-hexanol, 2,2,3,3,4,4,5,5,6,6,6-undecafluoro- (5:1 FTOH)	423-46-1	-	µg/kg	200	ND	ND	ND
2,2,3,3,4,4,5,5,6,6,7,7,7-tridecafluoroheptan-1-ol (6:1 FTOH)	375-82-6	-	µg/kg	200	ND	ND	ND
4,4,5,5,6,6,7,7,8,8,9,9,9-tridecafluorononan-1-ol (6:3 FTOH)	80806-68-4	-	µg/kg	200	ND	ND	ND
3,3,4,4,5,5,6,6,7,7,7,7-undecafluoro-2-heptanol (5:2sFTOH)	914637-05-1	-	µg/kg	200	ND	ND	ND
1-(perfluorohexyl)octane (F ₆ H ₈)	133331-77-8	-	µg/kg	200	ND	ND	ND
1H,1H-Tridecafluoroheptylamine (6:1 FTNH ₂)	423-49-4	-	µg/kg	200	ND	ND	ND
2H-Perfluoro-2-octenoic acid (6:2 FTUCA)	70887-88-6	-	µg/kg	10	ND	ND	ND
6:6 Perfluorophosphonic acid (6:6 PFPI), its salts^	40143-77-9	-	µg/kg	10	ND	ND	ND
6:8 Perfluorophosphonic acid (6:8 PFPI)	610800-34-5	-	µg/kg	10	ND	ND	ND
Sum of PFHxA-related compounds	-	1000	µg/kg	-	ND	ND	ND
Conclusion					Pass	Pass	Pass

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	B84+B85	B87+B88	B89+B90
PFHxA, its salts							
Perfluorohexane Acid (PFHxA), its salts^	307-24-4	25	µg/kg	10	ND	ND	ND
PFHxA-related compounds							
1H,1H,2H,2H-Perfluoro-1-	647-42-7	-	µg/kg	100	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	B84+B85	B87+B88	B89+B90
octanol (6:2 FTOH)							
1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-8-iodooctane (6:2 FTI)	2043-57-4	-	µg/kg	200	ND	ND	ND
1H,1H,2H,2H-Perfluorooctyl methacrylate (6:2 FTMA)	2144-53-8	-	µg/kg	200	ND	ND	ND
1H,1H,2H,2H-Perfluorooctylacrylate (6:2 FTA)	17527-29-6	-	µg/kg	200	ND	ND	ND
1H,1H,2H,2H-Perfluorooctanesulphonic acid (6:2 FTS), its salts^	27619-97-2	-	µg/kg	10	ND	ND	ND
1H,1H,2H,2H-Perfluorooctyltriethoxysilane (6:2 FTSi(OC ₂ H ₅) ₃)	51851-37-7	-	µg/kg	500	ND	ND	ND
1H,1H,2H,2H-Perfluorooctyltrichlorosilane (6:2 FTSiCl ₃)	78560-45-9	-	µg/kg	200	ND	ND	ND
1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-6-iodohexane (PFHx-I)	355-43-1	-	µg/kg	200	ND	ND	ND
1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluoro-8-iodononane	38550-34-4	-	µg/kg	200	ND	ND	ND
n-[3-(dimethylamino)propyl] 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctanesulphonamide n-oxide	80475-32-7	-	µg/kg	100	ND	ND	ND
thiocyanic acid, 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl ester	26650-09-9	-	µg/kg	200	ND	ND	ND
6:2 Fluorotelomer phosphate	57678-01-0	-	µg/kg	100	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	B84+B85	B87+B88	B89+B90
monoester (6:2 monoPAP), its salts^							
2h,2h,3h,3h-perfluorononanoic acid (6:3 FTCA)	27854-30-4	-	µg/kg	100	ND	ND	ND
3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctane-1-thiol (6:2 FTSH)	34451-26-8	-	µg/kg	200	ND	ND	ND
1H,1H,2H,2H-Perfluorooctyldimethylchlorosilane (6:2 FTSiMe ₂ Cl)	102488-47-1	-	µg/kg	200	ND	ND	ND
1H,1H-Tridecafluoro-1-iodoheptane (6:1 FTI)	212563-43-4	-	µg/kg	200	ND	ND	ND
4,4,5,5,6,6,7,7,8,8,9,9,9-Tridecafluorononyl iodide (6:3 FTI)	89889-20-3	-	µg/kg	200	ND	ND	ND
Perfluorohexylethylphosphonic acid (6:2 FTPA), its salts^	252237-40-4	-	µg/kg	100	ND	ND	ND
1-hexanol, 2,2,3,3,4,4,5,5,6,6,6-undecafluoro- (5:1 FTOH)	423-46-1	-	µg/kg	200	ND	ND	ND
2,2,3,3,4,4,5,5,6,6,7,7,7-tridecafluoroheptan-1-ol (6:1 FTOH)	375-82-6	-	µg/kg	200	ND	ND	ND
4,4,5,5,6,6,7,7,8,8,9,9,9-tridecafluorononan-1-ol (6:3 FTOH)	80806-68-4	-	µg/kg	200	ND	ND	ND
3,3,4,4,5,5,6,6,7,7,7-undecafluoro-2-heptanol (5:2sFTOH)	914637-05-1	-	µg/kg	200	ND	ND	ND
1-(perfluorohexyl)octane (F ₆ H ₈)	133331-77-8	-	µg/kg	200	ND	ND	ND
1H,1H-Tridecafluoroheptylamine (6:1 FTNH ₂)	423-49-4	-	µg/kg	200	ND	ND	ND

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	B84+B85	B87+B88	B89+B90
2H-Perfluoro-2-octenoic acid (6:2 FTUCA)	70887-88-6	-	µg/kg	10	ND	ND	ND
6:6 Perfluorophosphonic acid (6:6 PFPI), its salts^	40143-77-9	-	µg/kg	10	ND	ND	ND
6:8 Perfluorophosphonic acid (6:8 PFPI)	610800-34-5	-	µg/kg	10	ND	ND	ND
Sum of PFHxA-related compounds	-	1000	µg/kg	-	ND	ND	ND
Conclusion					Pass	Pass	Pass

Notes:

1. ^=Substances refer to its salts/derivative listed in below table.

Substance Name	CAS No.
PFHxA, its salts & derivatives	
Perfluorohexane Acid (PFHxA)	307-24-4
Ammonium perfluorohexanoate (APFHx)	21615-47-4
Sodium perfluorohexanoate (PFHxA-Na)	2923-26-4
Potassium perfluorohexanoate (PFHxA-K)	3109-94-2
Perfluorohexanoyl fluoride (PFHxA-F)	355-38-4
Silver perfluorohexanoate (PFHxA-Ag)	336-02-7
Lithium perfluorohexanoate (PFHxA-Li)	90430-61-8
Perfluorohexanoic anhydride	308-13-4
Hexanoic acid, undecafluoro-, compd. with piperazine (2:1) (8Cl,9Cl)	423-47-2
Perfluorohexanoate (anion)	92612-52-7
Perfluorohexanoyl chloride (PFHxA-Cl)	335-53-5
Undecafluorohexanoic acid--hexan-1-amine (1/1) (PFHxA-C ₆ H ₁₅ N)	565225-91-4
1-phenylpiperazine; 2,2,3,3,4,4,5,5,6,6,6-undecafluorohexanoic acid (PFHxA-C ₁₀ H ₁₄ N ₂)	985-60-4
6:2 FTS, its salts	
1H,1H,2H,2H-Perfluorooctanesulphonic acid (6:2 FTS)	27619-97-2
Sodium 1H,1H,2H,2H-Perfluorooctanesulfonate (6:2 FTS-Na)	27619-94-9
Potassium 1H,1H,2H,2H-Perfluorooctanesulfonate (6:2 FTS-K)	59587-38-1
Ammonium 1H,1H,2H,2H-Perfluorooctanesulfonate (6:2 FTS-NH ₄)	59587-39-2
1-Octanesulfonic acid, 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluoro-, barium salt (2:1) (6:2 FTS-Ba)	1807944-82-6
2-(Perfluorohexyl)ethane-1-sulfonate (6:2FTS(anion))	425670-75-3
6:2 monoPAP, its salts	
6:2 Fluorotelomer phosphate monoester (6:2 monoPAP)	57678-01-0
Diammonium 6:2 fluorotelomer phosphate monoester (6:2 monoPAP-NH ₄ NH ₄)	1000852-37-8
6:2 FTPA, its salts	
Perfluorohexyl ethylphosphonic acid (6:2 FTPA)	252237-40-4

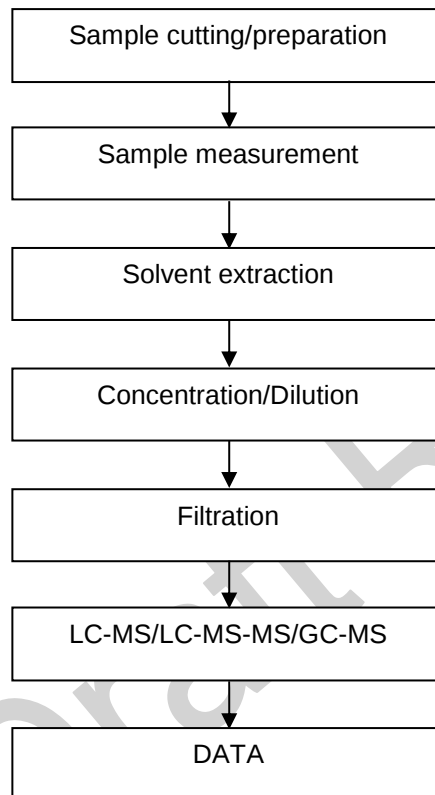
Tridecafluorooctyl-phosphonic acid sodium salt (1:1) (Cheminox FHP ₂ OH-Na(PFHEPA-Na))	1189052-95-6
6:6 PFPI, its salts	
6:6 Perfluorophosphinic acid (6:6 PFPI)	40143-77-9
Bis(perfluorohexyl)phosphinic acid sodium salt (6:6 PFPI-Na)	70609-44-8
Bis(perfluorohexyl) phosphinic acid ytterbium(3+) salt (6:6 PFPI-Yb)	500776-72-7
Bis(perfluorohexyl) phosphinic acid erbium(3+) salt (6:6 PFPI-Er)	500776-73-8

2. The conclusion is only applicable to the substance list in the report.

Based on the material risk assessment results, the selected parts in the sample photos were tested and conclusions were drawn.

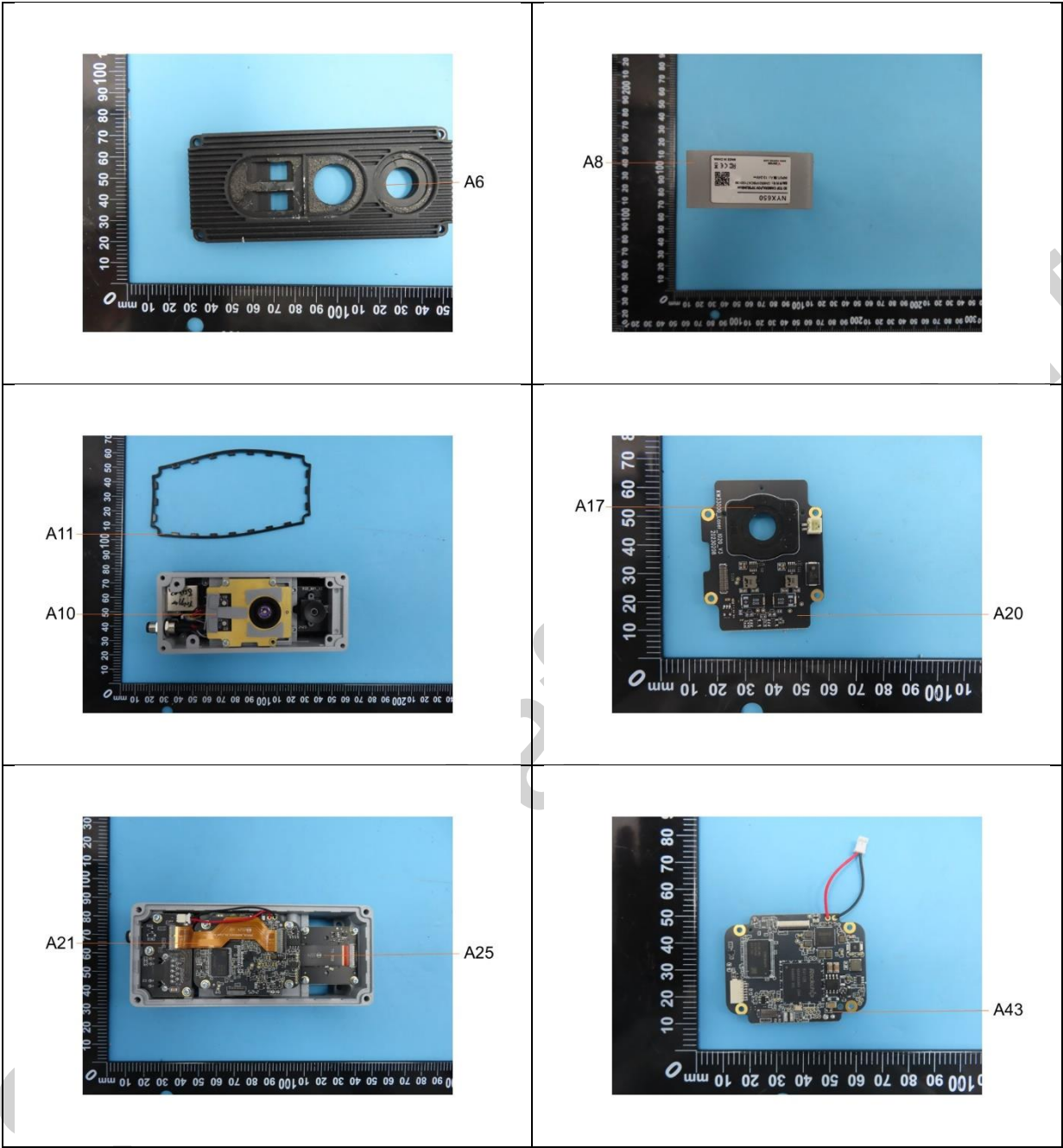
Unless otherwise stated, the decision rule for conformity reporting is based on Binary Statement for Simple Acceptance Rule ($w=0$) stated in ILAC-G8:09/2019.

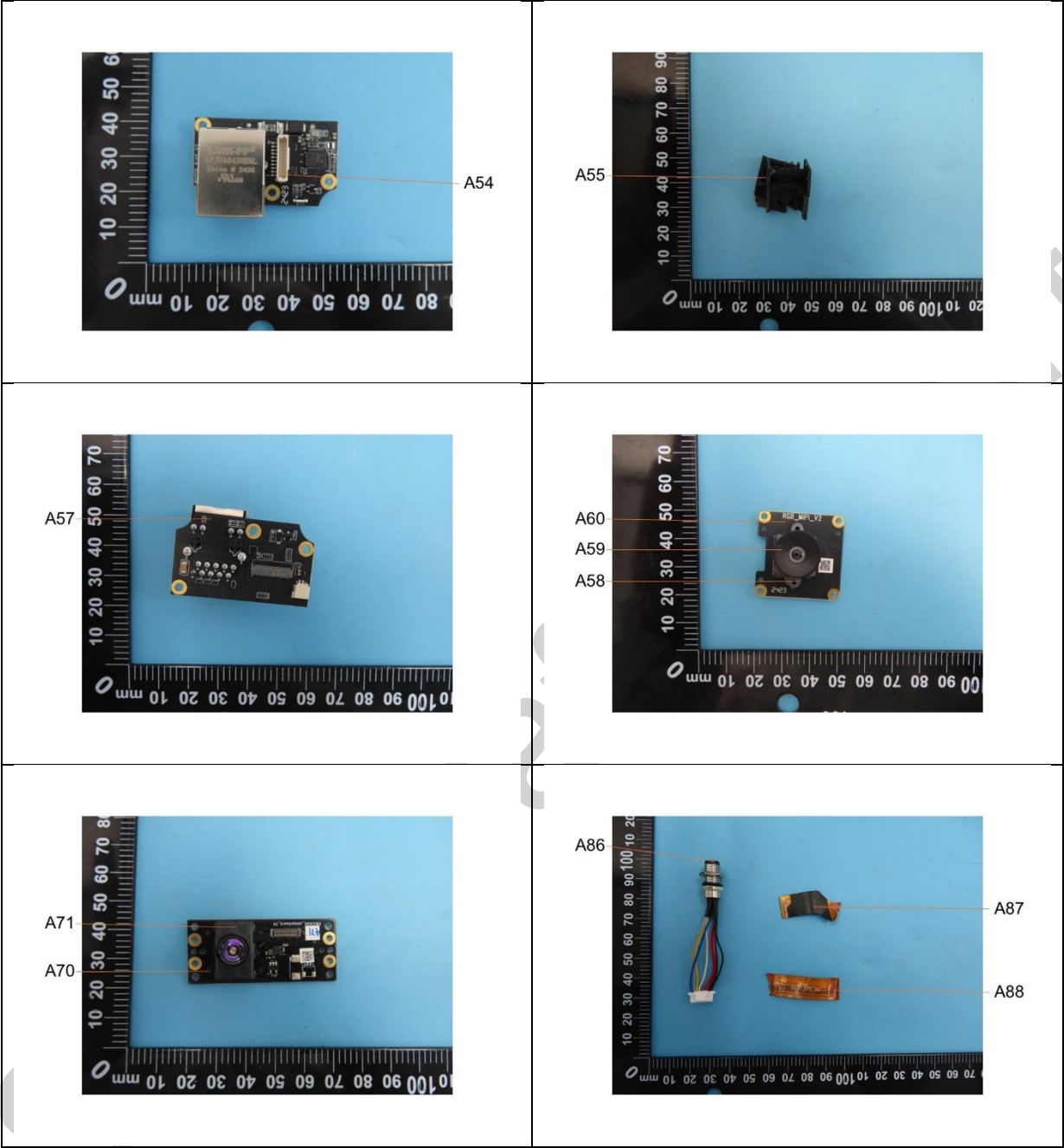
PFASs/ PFOS/PFOA Testing Flow Chart

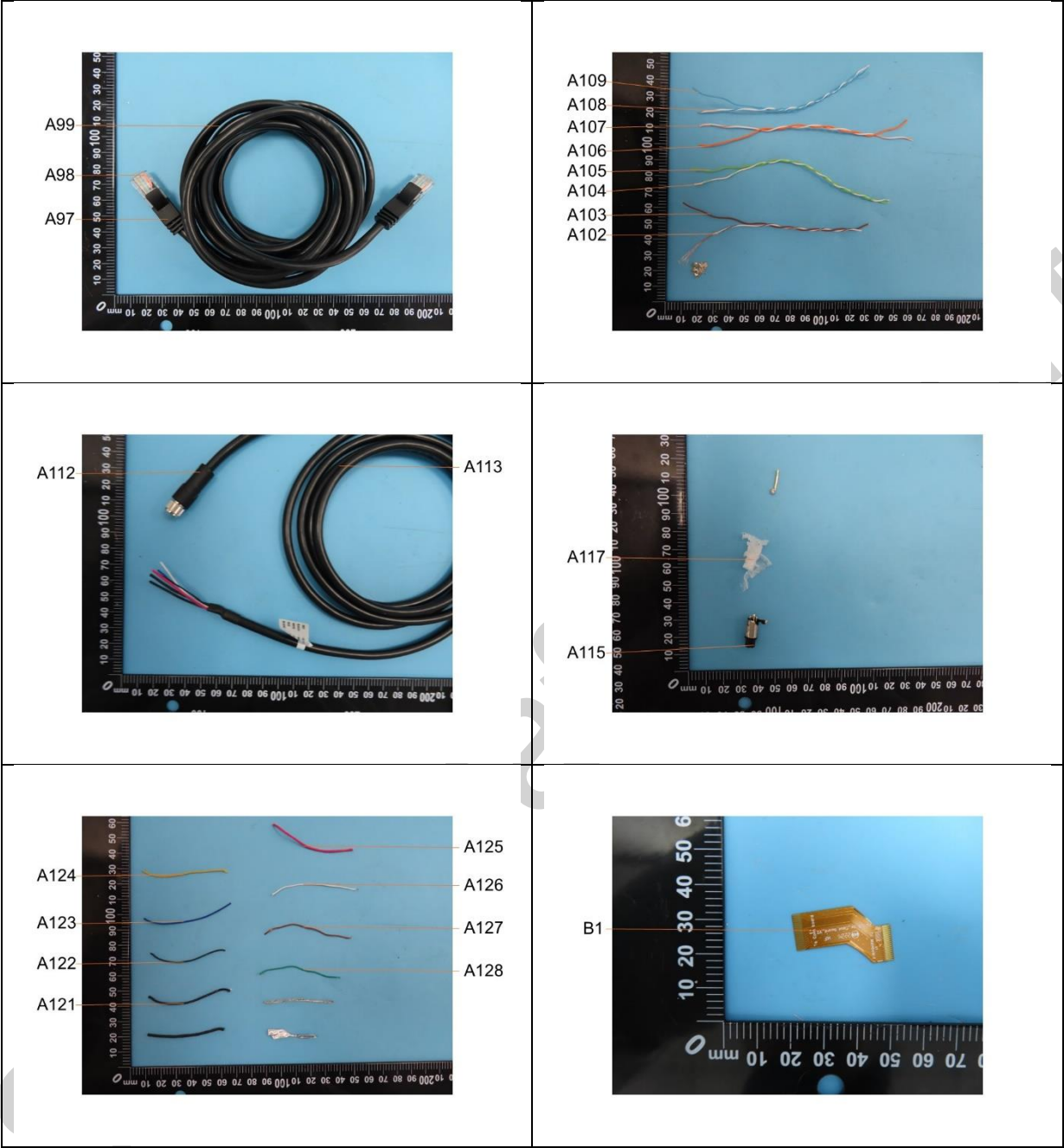


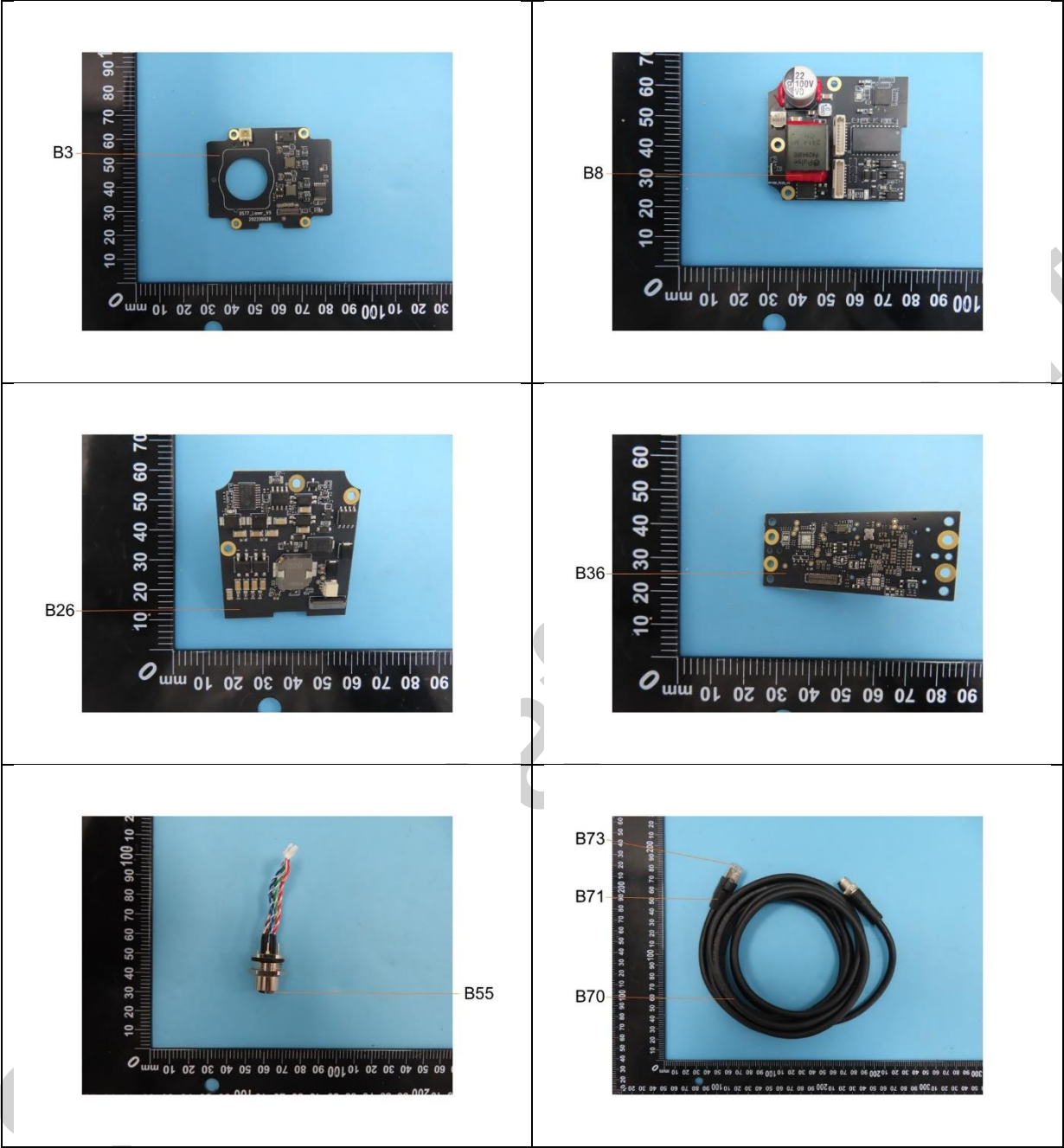
Sample photos:

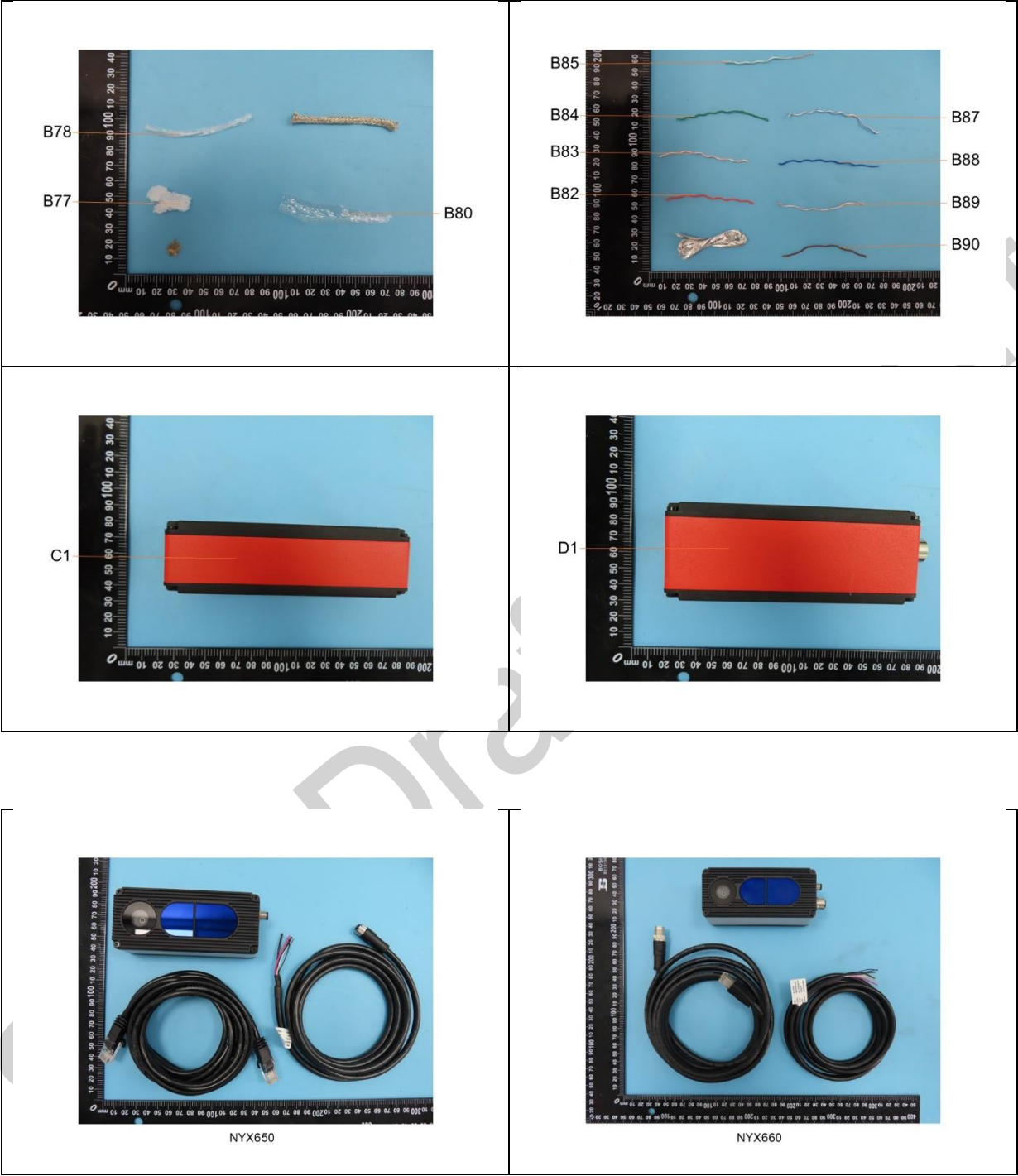
 NYX650	 NYX660
 DS86	 DS87
 A3 A2 A4	 A5









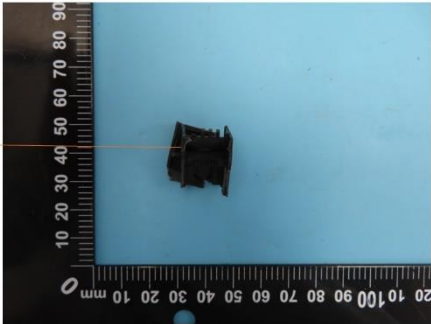


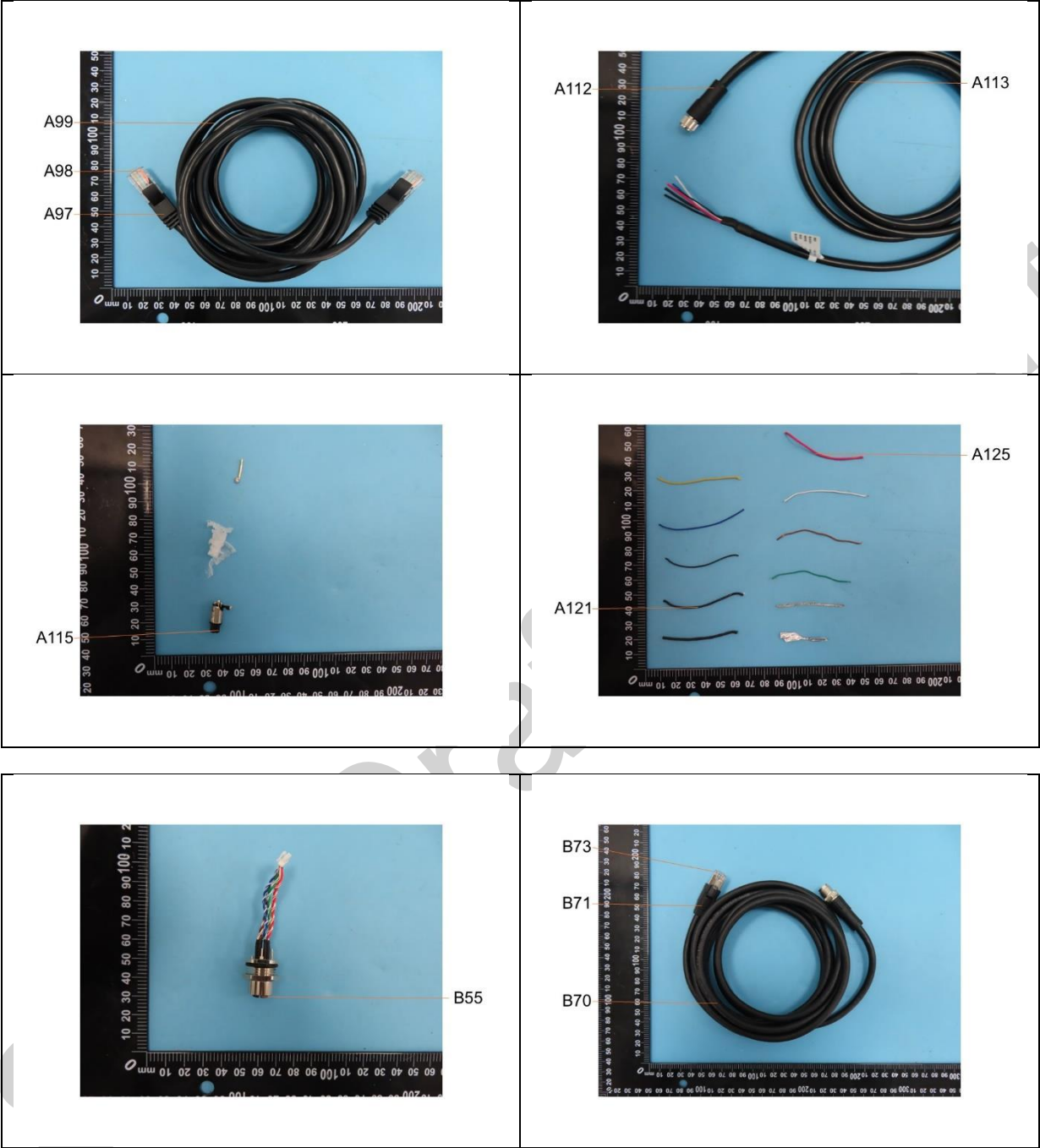


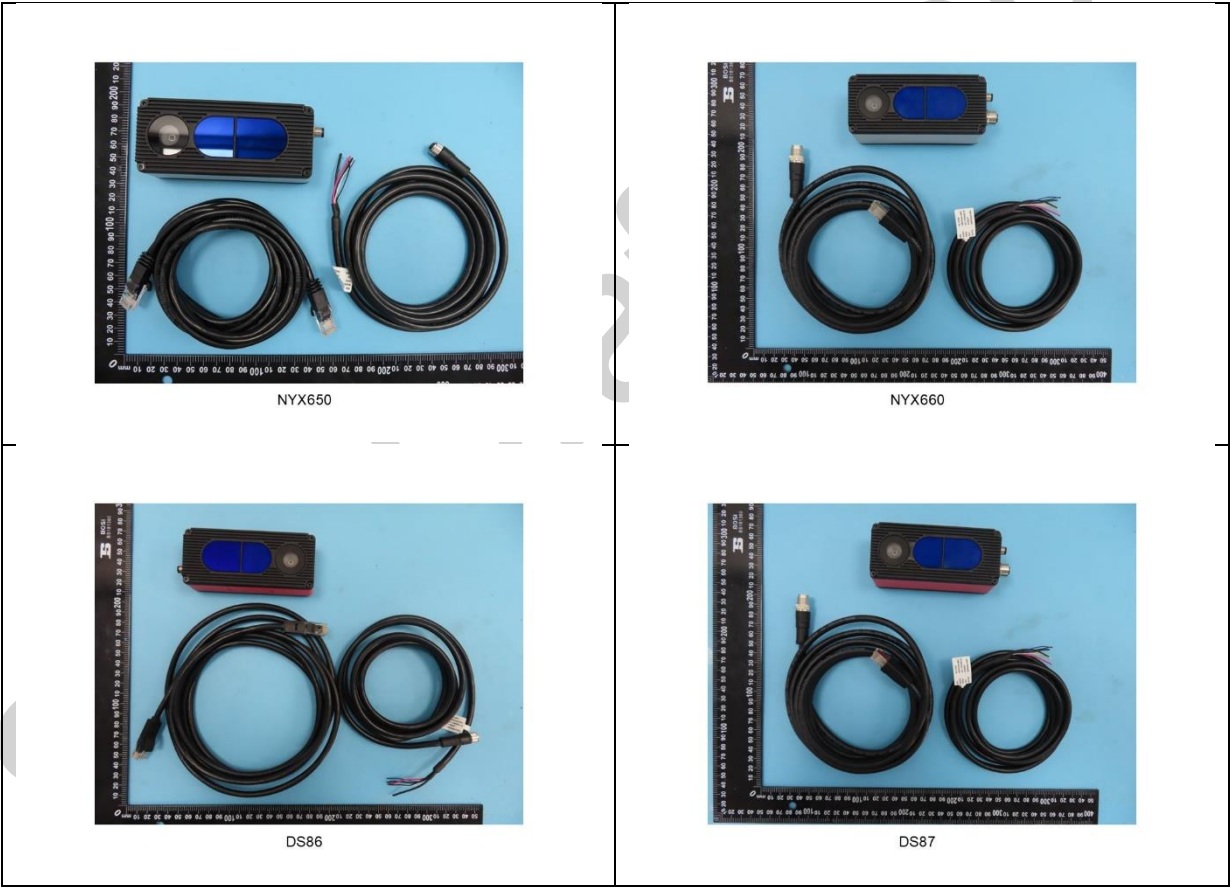
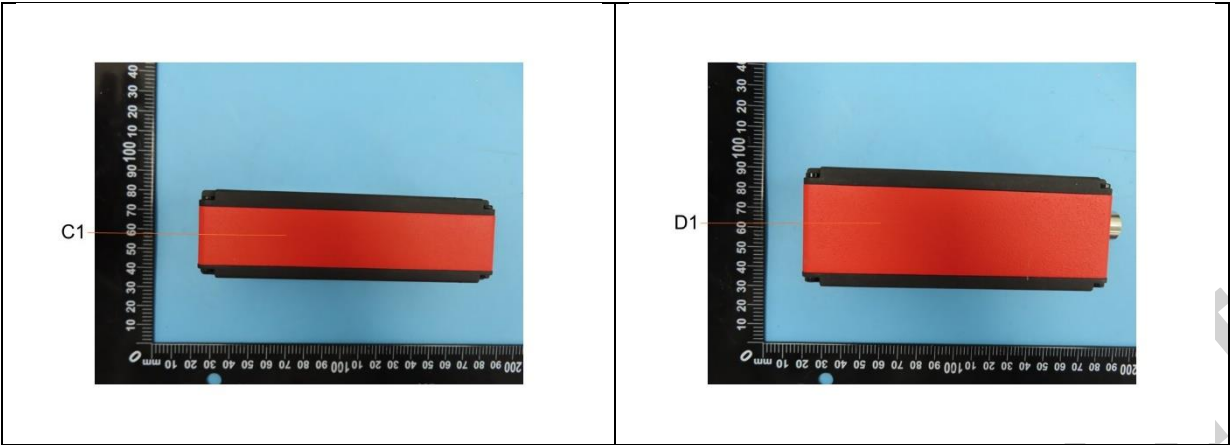
DS86

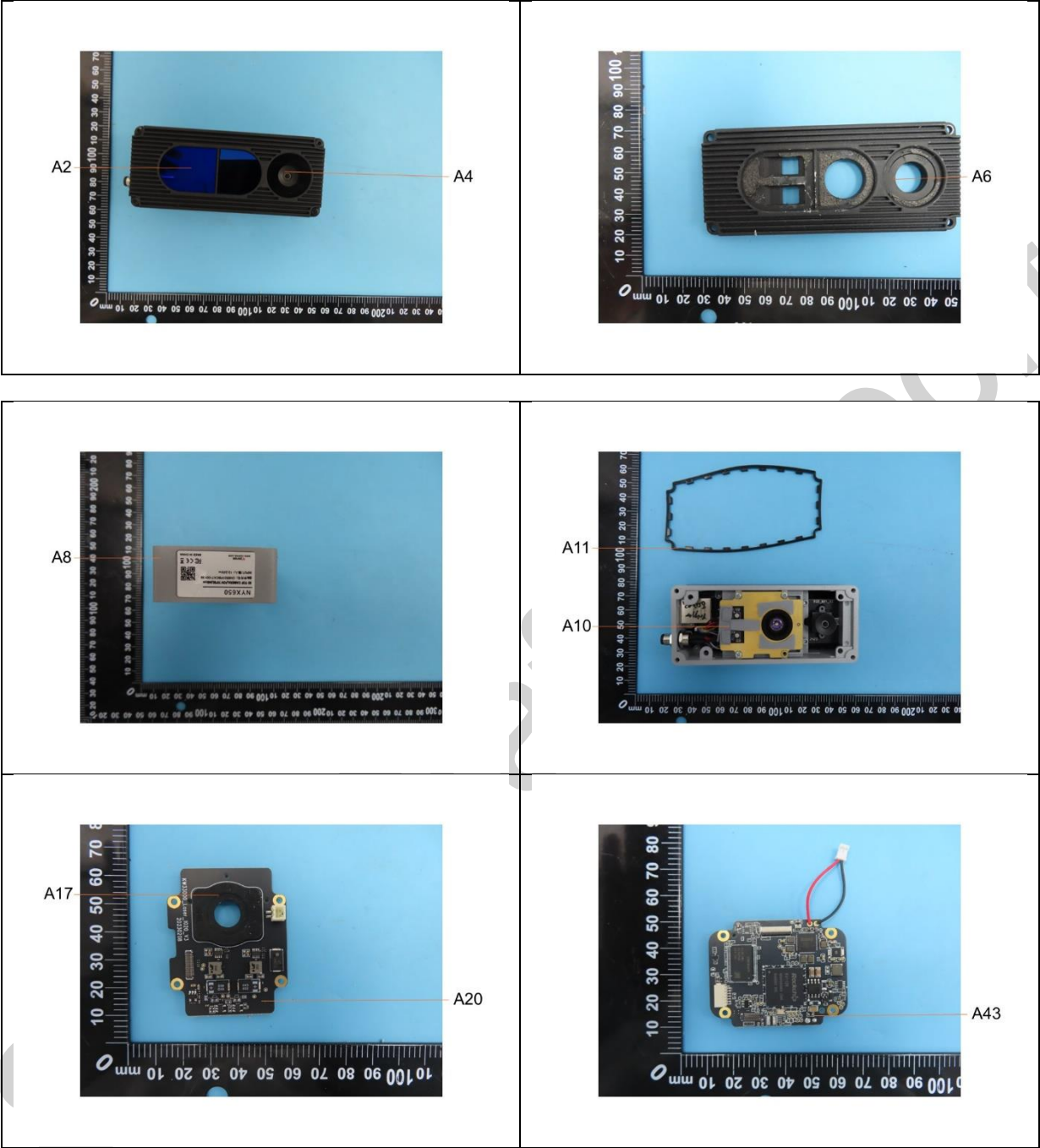


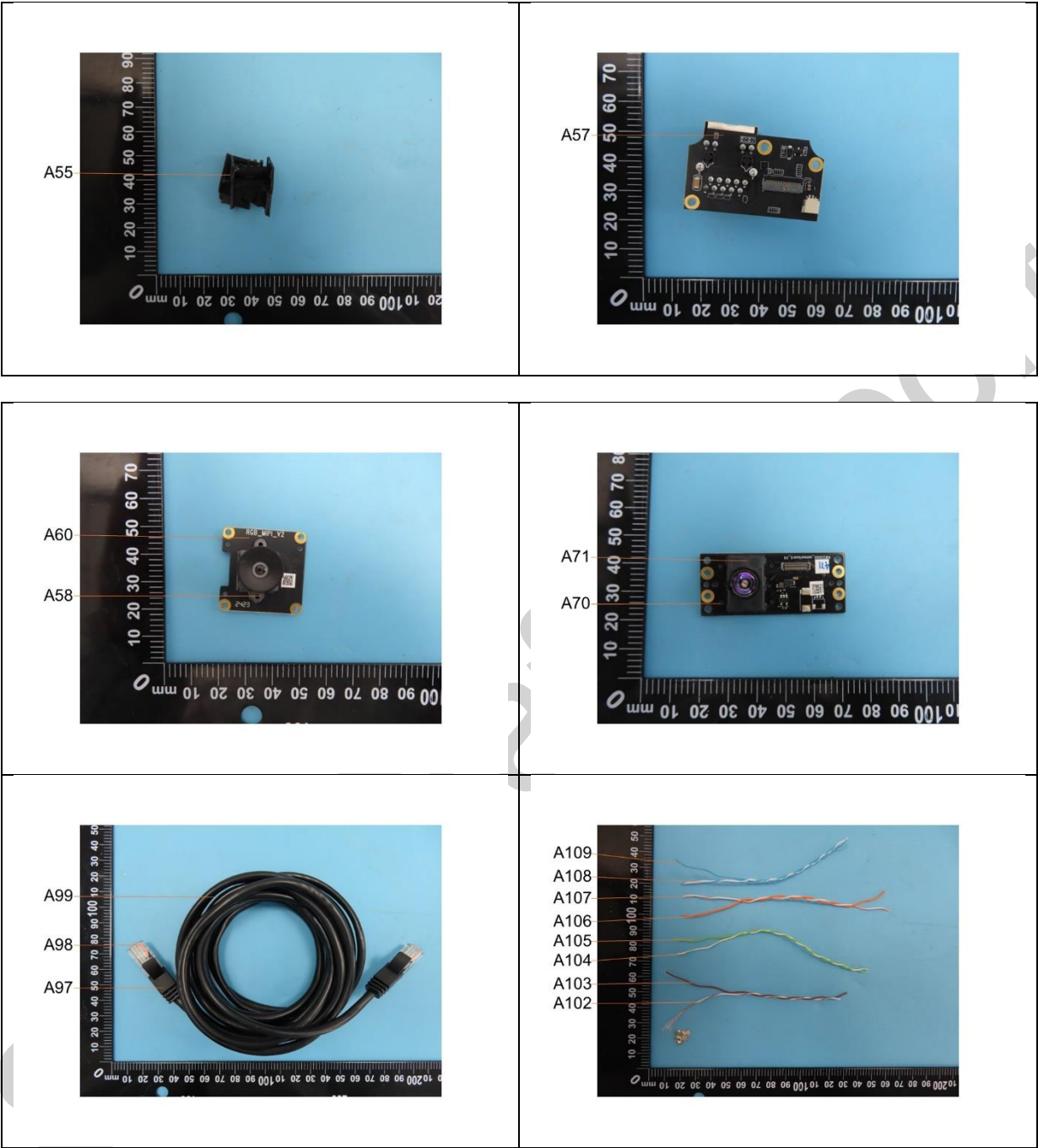
DS87

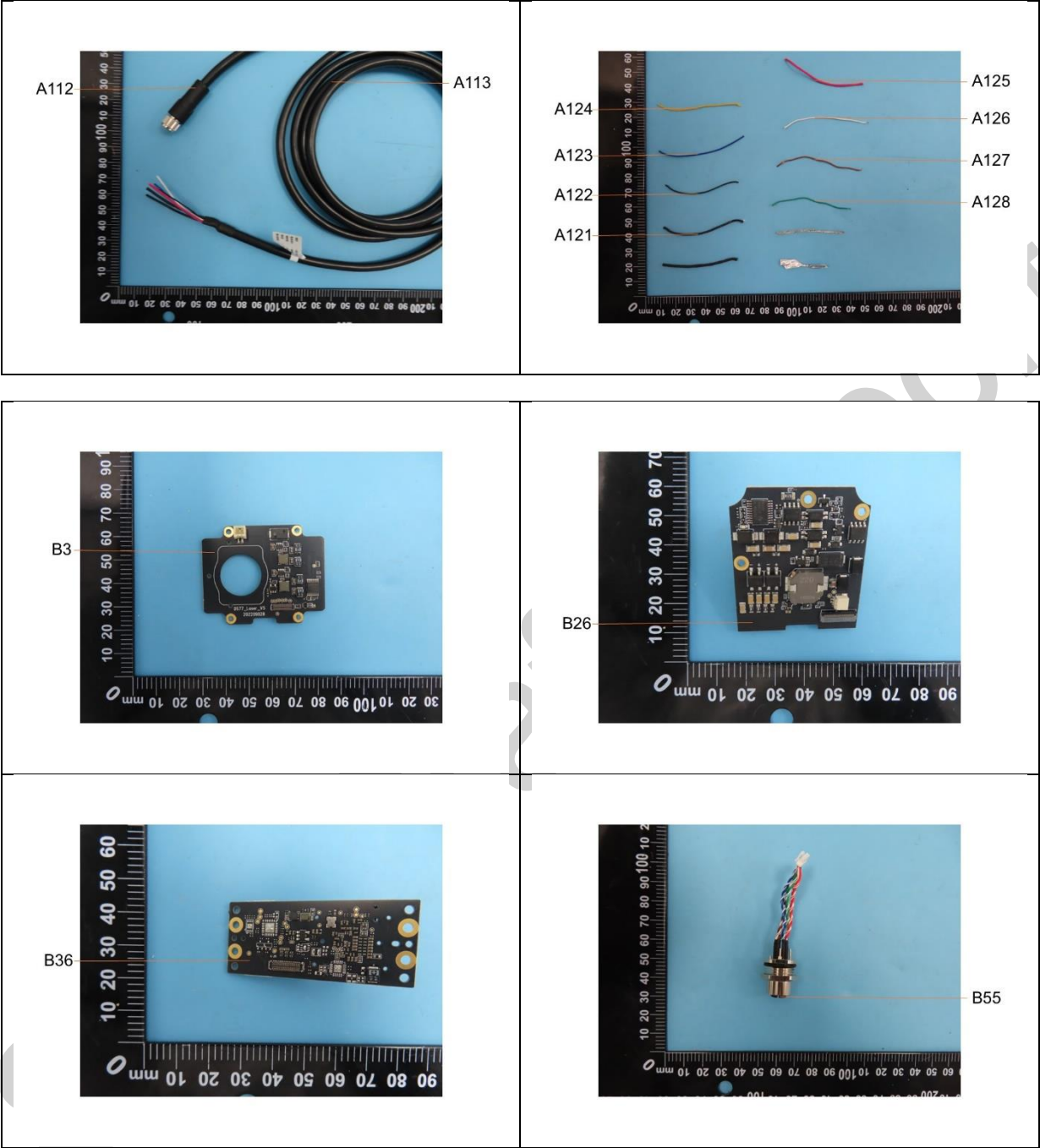


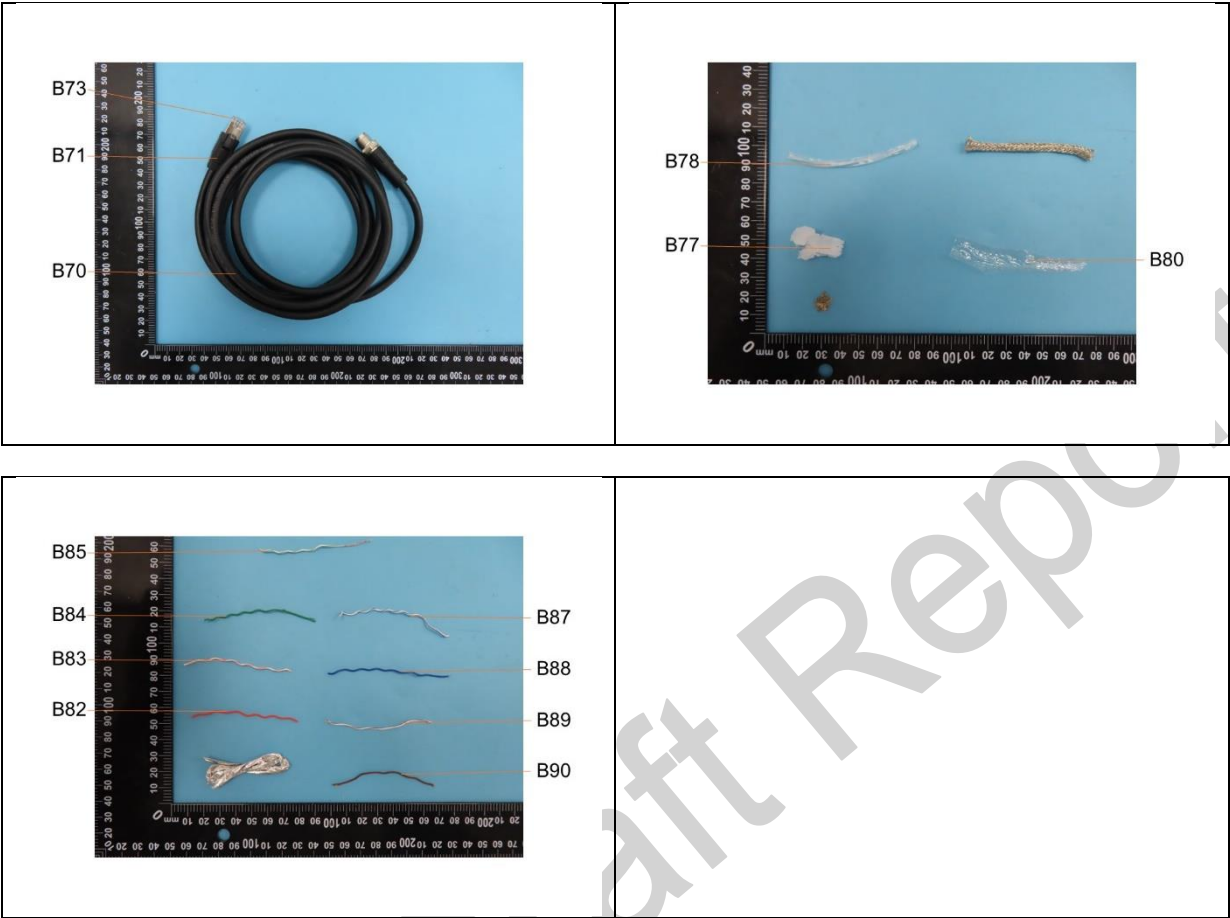












SGS authenticate the photo on original report only
*** End of Report ***