

## Test Report

No.: TAOEC25012409603

Date: Jan 08, 2026

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Client Name: Jiangsu DINGS' Intelligent Control Technology Co., Ltd

Client Address: No. 2850 Luheng Road, Economic Development Zone, Changzhou, Jiangsu, 213025 China.

Sample Name: Stepper Lead Screw Linear Actuator/Stepper Ball Screw Linear Actuator/Linear Module/Gripper

Tested Basic Model No.: 11E2216R4-100SSSN-SZ

Tested Extended Model No.: 11C2110K4-050SMSN-100SZ/ 11K2110A4-200SMSN-170SZ/ 11N2110R4-135SMSN-180SZ/11E2110B524-157RSN-030SZ/DLM150-11E2105A4-CTB-001SZ/DMEG06-11N2110R4-YJ

Client Ref. Information: E/N/C/K/BSIDL/DLM/DSL/DWM/DLG/DMEG

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

SGS Job No.: SHP25-043154

Sample Receiving Date: Dec 29, 2025

Testing Period: Dec 29, 2025 ~ Jan 06, 2026

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

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

Alice Sun

Alice Sun

Approved Signatory

Scan to see the report



46147D28



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### Test Result(s):

Photo of Submitted Sample



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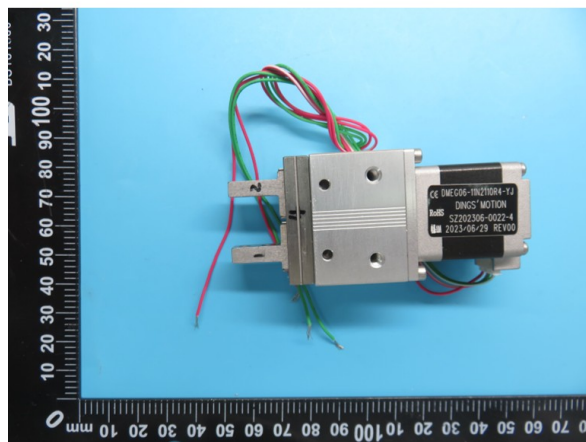
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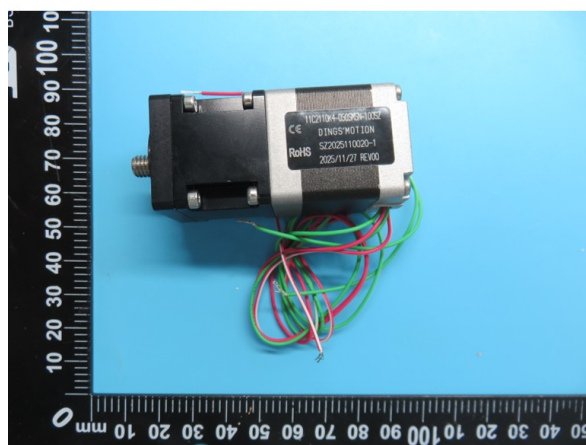
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DMEG06-11N2110R4-YJ

TAO25-0124096



11C2110K4-050SMSN-100SZ

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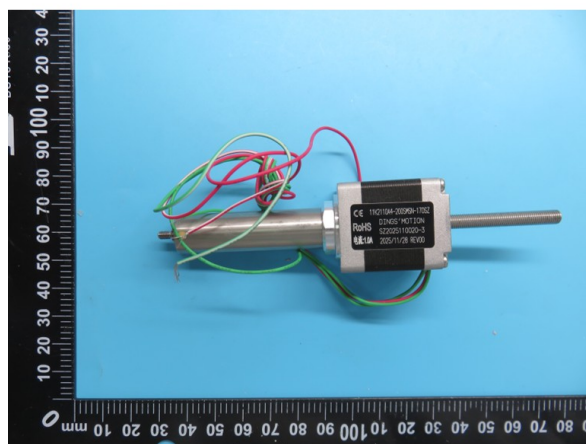
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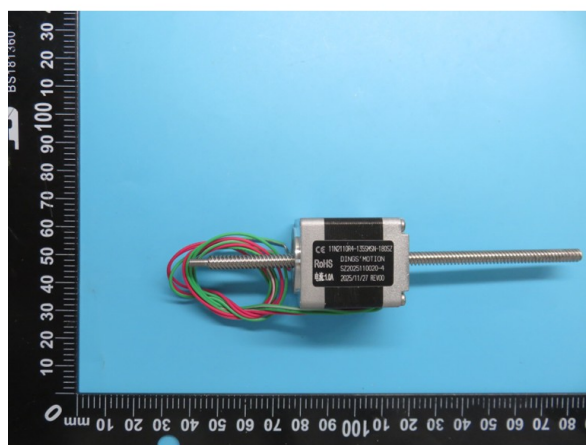
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11K2110A4-200SMN-170SZ

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11N2110R4-135SMN-180SZ

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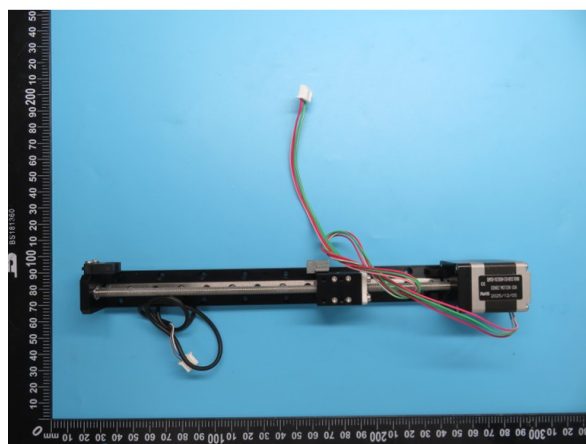
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DLM150-11E2105A4-CTB-001SZ

TAO25-0124096

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## Test Part Description:

SN ID	Sample No.	SGS Sample ID	Description
SN1	A1+B1	TAO25-0124096-0008	White plastic + Black plastic
SN2	C1+D1	TAO25-0124096-0009	Transparent plastic + Transparent plastic
SN3	E1+F1	TAO25-0124096-0010	Transparent plastic + Transparent plastic
SN4	G1+G2	TAO25-0124096-0011	White plastic + White plastic
SN5	G3+G4	TAO25-0124096-0012	Black plastic(jacket) + Black plastic

## 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 17681-1:2025, analysis was performed by LC-MS or LC-MS/MS and GC-MS or GC-MS/MS.

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A1+B1	C1+D1	E1+F1
<b>C9-C14 PFCA, their salts</b>							
Perfluorononane Acid (PFNA), its salts <sup>^</sup>	375-95-1	-	µg/kg	10	ND	ND	ND



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Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A1+B1	C1+D1	E1+F1
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
<b>C9-C14 PFCA-related substances</b>							
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



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Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A1+B1	C1+D1	E1+F1
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
Perfluorodecyl iodide (PFDoDI)	307-60-8	-	µg/kg	100	ND	ND	ND
2H-Perfluoro-2-dodecenoic acid (10:2 FTUCA)	70887-94-4	-	µg/kg	10	ND	ND	ND
2-Perfluorodecyl ethanoic acid (10:2 FTCA)	53826-13-4	-	µg/kg	10	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	1996-88-9	-	µg/kg	100	ND	ND	ND



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Test Item(s)	CAS No.	Limit	Unit(s)	MDL	A1+B1	C1+D1	E1+F1
methacrylate (8:2 FTMA)							
2H,2H-Perfluorodecane Acid (8:2 FTCA), its salts <sup>^</sup>	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 <sub>2</sub> H <sub>5</sub> ) <sub>3</sub> )	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 <sup>^</sup>	678-41-1	-	µg/kg	10	ND	ND	ND
2H,2H,3H,3H-Perfluoroundecanoic Acid (8:3 FTCA), its salts <sup>^</sup>	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-Perfluorodecyltrichlorosilane (8:2 FTSiCl <sub>3</sub> )/1H,1H,2H,2H-Perfluorodecyltrimethoxysilane (8:2 FTSi(OCH <sub>3</sub> ) <sub>3</sub> )	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 <sup>^</sup>	57678-03-2	-	µg/kg	100	ND	ND	ND



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10:2 Fluortelomerphosphatemonoester (10:2 monoPAP), its salts <sup>^</sup>	57678-05-4	-	µg/kg	100	ND	ND	ND
2H-Perfluoro-2-decenoic acid (8:2 FTUCA)	70887-84-2	-	µg/kg	10	ND	ND	ND
((Perfluorooctyl)ethyl)phosphonic acid	80220-63-9	-	µg/kg	20	ND	ND	ND
Sum of C9-C14 PFCA-related substances	-	260	µg/kg	-	ND	ND	ND
<b>Conclusion</b>					<b>Pass</b>	<b>Pass</b>	<b>Pass</b>

Test Item(s)	CAS No.	Limit	Unit(s)	MDL	G1+G2	G3+G4
<b>C9-C14 PFCA, their salts</b>						
Perfluorononane Acid (PFNA), its salts <sup>^</sup>	375-95-1	-	µg/kg	10	ND	ND
Perfluorodecane Acid (PFDA), its salts <sup>^</sup>	335-76-2	-	µg/kg	10	ND	ND
Perfluoroundecanoic Acid (PFUnDA), its salts <sup>^</sup>	2058-94-8	-	µg/kg	10	ND	ND
Perfluorododecanoic Acid (PFDoDA), its salts <sup>^</sup>	307-55-1	-	µg/kg	10	ND	ND
Perfluorotridecanoic Acid (PFTTrDA), its salts <sup>^</sup>	72629-94-8	-	µg/kg	10	ND	ND
Perfluorotetradecanoic Acid (PFTDA), its salts <sup>^</sup>	376-06-7	-	µg/kg	10	ND	ND
Perfluoro-3,7-dimethyloctanoic Acid (PF-3,7-DMOA)	172155-07-6	-	µg/kg	10	ND	ND
Sum of C9-C14 PFCA, their salts	-	25	µg/kg	-	ND	ND
<b>C9-C14 PFCA-related substances</b>						
Perfluorodecane sulfonic acid (PFDS), its salts <sup>^</sup>	335-77-3	-	µg/kg	10	ND	ND



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1H,1H,2H,2H-Perfluoro-1-dodecanol (10:2 FTOH)	865-86-1	-	µg/kg	100	ND	ND
1H,1H,2H,2H-Perfluorododecyl acrylate (10:2 FTA)	17741-60-5	-	µg/kg	100	ND	ND
1H,1H,2H,2H-Perfluorododecyl methacrylate (10:2 FTMA)	2144-54-9	-	µg/kg	100	ND	ND
1H,1H,2H,2H-perfluorotetradecan-1-ol (12:2 FTOH)	39239-77-5	-	µg/kg	100	ND	ND
1H,1H,2H,2H-Perfluorododecane sulfonic acid (10:2 FTS), its salts <sup>^</sup>	120226-60-0	-	µg/kg	100	ND	ND
1,1,2,2-Tetrahydroperfluorododecyl iodide (10:2 FTI)	2043-54-1	-	µg/kg	100	ND	ND
1H,1H,2H,2H-Perfluorotetradecyl iodide (12:2 FTI)	30046-31-2	-	µg/kg	100	ND	ND
Perfluorononane sulfonic acid (PFNS), its salts <sup>^</sup>	68259-12-1	-	µg/kg	10	ND	ND
Perfluoroundecane sulfonic acid (PFUnDS), its salts <sup>^</sup>	749786-16-1	-	µg/kg	10	ND	ND
Perfluorododecane sulfonic acid (PFDoDS), its salts <sup>^</sup>	79780-39-5	-	µg/kg	10	ND	ND
Perfluorotridecane sulfonic acid (PFTrDS), its salts <sup>^</sup>	791563-89-8	-	µg/kg	10	ND	ND
10:2 Fluorotelomerphosphatediester (10:2 diPAP), its salts <sup>^</sup>	1895-26-7	-	µg/kg	100	ND	ND
Perfluorodecyl iodide (PFDI)	423-62-1	-	µg/kg	100	ND	ND



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Test Item(s)	CAS No.	Limit	Unit(s)	MDL	G1+G2	G3+G4
Perfluorododecyl iodide (PFDoDI)	307-60-8	-	µg/kg	100	ND	ND
2H-Perfluoro-2-dodecenoic acid (10:2 FTUCA)	70887-94-4	-	µg/kg	10	ND	ND
2-Perfluorodecyl ethanoic acid (10:2 FTCA)	53826-13-4	-	µg/kg	10	ND	ND
1H,1H,2H,2H-perfluorododecyl acetate (10:2 FTOAc)	37858-05-2	-	µg/kg	100	ND	ND
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS), its salts <sup>^</sup>	39108-34-4	-	µg/kg	10	ND	ND
1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA)	27905-45-9	-	µg/kg	100	ND	ND
1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA)	1996-88-9	-	µg/kg	100	ND	ND
2H,2H-Perfluorodecane Acid (8:2 FTCA), its salts <sup>^</sup>	27854-31-5	-	µg/kg	10	ND	ND
1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH)	678-39-7	-	µg/kg	100	ND	ND
1-Iodo-1H,1H,2H,2H-perfluorodecane (8:2 FTI)	2043-53-0	-	µg/kg	100	ND	ND
1H,1H,2H,2H-Perfluorodecyltriethoxysilane (8:2 FTSi(OC <sub>2</sub> H <sub>5</sub> ) <sub>3</sub> )	101947-16-4	-	µg/kg	100	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 <sup>^</sup>	678-41-1	-	µg/kg	10	ND	ND
2H,2H,3H,3H-Perfluoroundecanoic Acid (8:3 FTCA), its salts <sup>^</sup>	34598-33-9	-	µg/kg	10	ND	ND



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Test Item(s)	CAS No.	Limit	Unit(s)	MDL	G1+G2	G3+G4
1H,1H,2H-Heptadecafluoro-1-decene (PFDE)	21652-58-4	-	µg/kg	100	ND	ND
1H,1H,2H,2H-Perfluorodecyltrichlorosilane (8:2 FTSiCl <sub>3</sub> )/1H,1H,2H,2H-Perfluorodecyltrimethoxysilane (8:2 FTSi(OCH <sub>3</sub> ) <sub>3</sub> )	78560-44-8 /83048-65-1	-	µg/kg	100	ND	ND
1H,1H,2H,2H-perfluorodecyl acetate (8:2 FTOAc)	37858-04-1	-	µg/kg	100	ND	ND
8:2 Fluorotelomer phosphate monoester (8:2 monoPAP), its salts <sup>^</sup>	57678-03-2	-	µg/kg	100	ND	ND
10:2 Fluorotelomer phosphate monoester (10:2 monoPAP), its salts <sup>^</sup>	57678-05-4	-	µg/kg	100	ND	ND
2H-Perfluoro-2-decenoic acid (8:2 FTUCA)	70887-84-2	-	µg/kg	10	ND	ND
((Perfluorooctyl)ethyl)phosphonic acid	80220-63-9	-	µg/kg	20	ND	ND
Sum of C9-C14 PFCA-related substances	-	260	µg/kg	-	ND	ND
<b>Conclusion</b>					<b>Pass</b>	<b>Pass</b>

### 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) <sup>^</sup>=Substances refer to its salts/derivative listed in below table.

Substance Name	CAS No.
PFNA, its salts	
Perfluorononane Acid (PFNA)	375-95-1



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Perfluorononanoate Na-Salt (PFNA-Na)	21049-39-8
Nonanoic acid, heptadecafluoro-, ammonium salt (PFNA-NH <sub>4</sub> )	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 <sub>3</sub> (CH <sub>3</sub> ))	77032-23-6
Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-heptadecafluoro-, compd. with N-ethylethanamine (1:1) PFNA-NH <sub>2</sub> (C <sub>2</sub> H <sub>5</sub> ) <sub>2</sub>	77032-27-0
Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-heptadecafluoro-, compd. with N-methylmethanamine (1:1) (PFNA-NH <sub>2</sub> (CH <sub>3</sub> ) <sub>2</sub> )	77032-24-7
Nonanoic acid, heptadecafluoro-, compd. with N,N-diethylethanamine (1:1) (9CI) (PFNA-NH(C <sub>2</sub> H <sub>5</sub> ) <sub>3</sub> )	327176-80-7
Nonanoic acid, heptadecafluoro-, compd. with piperidine (1:1) (9CI) (PFNA-NH <sub>2</sub> (C <sub>5</sub> H <sub>10</sub> ))	95682-66-9
Nonanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-heptadecafluoro-, compd. with benzenamine (1:1) (PFNA-NH <sub>3</sub> (C <sub>6</sub> H <sub>5</sub> ))	95682-67-0
Nonanoic acid, heptadecafluoro-, compd. with cyclohexanamine (1:1) (9CI) (PFNA-NH <sub>3</sub> (C <sub>6</sub> H <sub>11</sub> ))	328531-06-2
Perfluorononanoate (anion)	72007-68-2
4-[(6-Methoxy-3-pyridazinyl)sulfamoyl]anilinium heptadecafluorononanoate (PFNA-C <sub>11</sub> H <sub>12</sub> N <sub>4</sub> O <sub>3</sub> S)	298703-33-0
Perfluorononanoic anhydride (PFNAA)	228407-54-3
Perfluorononanoyl chloride (PFNA-Cl)	52447-23-1
Perfluorononanoyl fluoride (PFNA-F)	558-95-2
Heptadecafluorononanoyl Bromide (PFNA-Br)	261503-42-8
<b>PFDA, its salts</b>	
Perfluorodecane Acid (PFDA)	335-76-2
Sodium perfluorodecanoate (PFDA-Na)	3830-45-3
Perfluorodecanoate ammonium salt (PFDA-NH <sub>4</sub> )	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
Nonadecafluorodecanoyl chloride (PFDA-Cl)	307-38-0
Nonadecafluorodecanoyl Fluoride (PFDA-F)	--
<b>PFUnDA, its salts</b>	
Perfluoroundecanoic Acid (PFUnDA)	2058-94-8
Perfluoroundecanoic acid sodium salt (PFUnDA-Na)	60871-96-7
Ammonium perfluoroundecanoate (PFUnDA-NH <sub>4</sub> )	4234-23-5
Potassium perfluoroundecanoate (PFUnDA-K)	30377-53-8
Calcium perfluoroundecanoate (PFUnDA-Ca)	97163-17-2
Perfluoroundecanoate (anion)	196859-54-8



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<b>PFDODA, its salts</b>	
Perfluorododecanoic Acid (PFDODA)	307-55-1
Ammonium tricosafuorododecanoate (PFDODA-NH <sub>4</sub> )	3793-74-6
Perfluorododecanoate (anion)	171978-95-3
<b>PFTrDA, its salts</b>	
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8
Ammonium perfluorotridecanoate (PFTrDA-NH <sub>4</sub> )	4288-72-6
Sodium perfluorotridecanoate (PFTrDA-Na)	60872-01-7
Perfluorotridecanoate (anion)	862374-87-6
<b>PFTDA, its salts</b>	
Perfluorotetradecanoic Acid (PFTDA)	376-06-7
Perfluorotetradecanoate (anion)	365971-87-5
<b>PFDS, its salts</b>	
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 <sub>4</sub> )	67906-42-7
Perfluorodecane sulfonate (anion)	126105-34-8
Perfluorodecane sulfonic anhydride (PFDSA)	51667-62-0
Perfluorodecanesulphonyl fluoride (PFDS-F)	307-51-7
Perfluorodecanesulphonyl chloride (PFDS-Cl)	32779-61-6
<b>10:2 FTS, its salts</b>	
1H,1H,2H,2H-Perfluorododecane sulfonic acid (10:2 FTS)	120226-60-0
1H,1H,2H,2H-Perfluorododecanesulfonic Acid Sodium (10:2 FTS-Na)	108026-35-3
2-(Perfluorodecyl)ethane-1-sulfonyl chloride (10:2 FTS-Cl)	27619-91-6
<b>PFNS, its salts</b>	
Perfluoro nonane sulfonic acid (PFNS)	68259-12-1
Sodium perfluoro-1-nonanesulfonate (PFNS-Na)	98789-57-2
ammonium nonadecafluorononanesulphonate (PFNS-NH <sub>4</sub> )	17202-41-4
Potassium perfluorononanesulfonate (PFNS-K)	29359-39-5
Perfluorononane sulfonate (anion)	474511-07-4
Perfluorononanesulfonyl fluoride (PFNS-F)	68259-06-3
<b>PFUnDS, its salts</b>	
Perfluoroundecane sulfonic acid (PFUnDS)	749786-16-1
Perfluoroundecanesulfonate (anion)	441296-91-9
<b>PFDODS, its salts</b>	
Perfluorododecanesulfonic acid (PFDODS)	79780-39-5
Sodium perfluoro-1-dodecanesulfonate (PFDODS-Na)	1260224-54-1
Potassium perfluorododecanesulfonate (PFDODS-K)	85187-17-3
Perfluorododecane sulfonate (anion)	343629-43-6
<b>PFTrDS, its salts</b>	
Perfluorotridecane sulfonic acid (PFTrDS)	791563-89-8



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Sodium perfluoro-1-tridecanesulfonate (PFTrDS-Na)	174675-49-1
<b>10:2 diPAP , its salts</b>	
10:2 Fluortelomerphosphatediester (10:2 diPAP)	1895-26-7
Bis((perfluorodecyl)ethyl) hydrogen phosphate 2,2'-iminodiethanol (10:2 diPAP-C <sub>4</sub> H <sub>11</sub> O <sub>2</sub> )	57677-98-2
<b>8:2 FTS, its salts</b>	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4
Potassium 1H,1H,2H,2H-Perfluorododecane sulfonate (8:2 FTS-K)	438237-73-1
Ammonium 1H,1H,2H,2H-Perfluorododecane sulfonate (8:2 FTS-NH <sub>4</sub> )	149724-40-3
Sodium 1H,1H,2H,2H-Perfluorododecane sulfonate (8:2 FTS-Na)	27619-96-1
2-(Perfluorooctyl)ethane-1-sulfonate (8:2 FTS(anion))	481071-78-7
2-(Perfluorooctyl)ethanesulfonyl chloride (8:2 FTS-Cl)	27619-90-5
<b>8:2 FTCA, its salts</b>	
2H,2H-Perfluorodecane Acid (8:2 FTCA)	27854-31-5
Tetrabutylphosphonium 2H,2H-Perfluorodecanoate (8:2 FTCA-P(C <sub>4</sub> H <sub>9</sub> ) <sub>4</sub> )	882489-14-7
<b>8:2 diPAP, its salts</b>	
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 <sub>4</sub> )	93776-20-6
8:2 Fluortelomer phosphate diester ion (1-)	1411713-91-1
<b>8:3 FTCA, its salts</b>	
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
<b>8:2 monoPAP, its salts</b>	
8:2 Fluortelomer phosphate monoester (8:2 monoPAP)	57678-03-2
8:2 Fluortelomer 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
<b>10:2 monoPAP, its salts</b>	
10:2 Fluortelomerphosphatemonoester (10:2 monoPAP)	57678-05-4



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10:2 Fluorotelomer diammonium dihydrogen phosphate	93857-45-5
3,3,4,4,5,5,6,6,7,7,8,8,9,10,10, 11,11,12,12,12-Henicosafuorododecyl dihydrogen phosphate cyclohexylamine	2514858-66-1

(5) 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.



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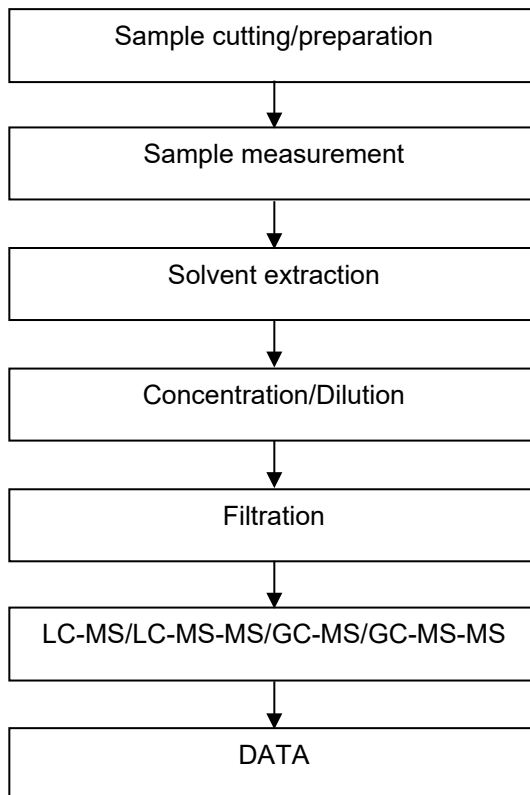
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## PFASs/ PFOS/PFOA Testing Flow Chart



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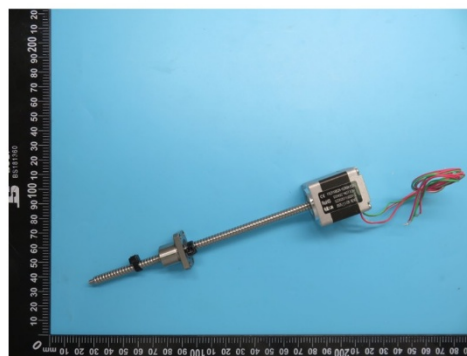
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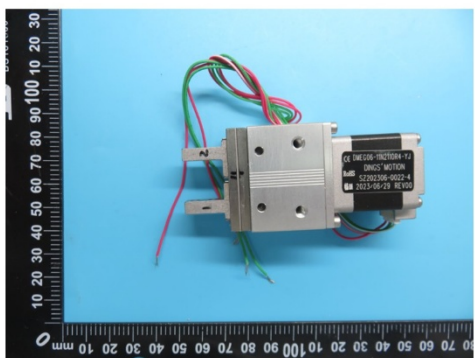
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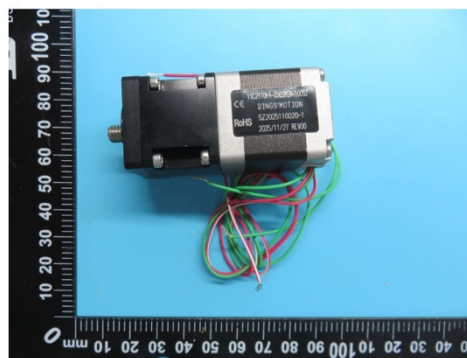
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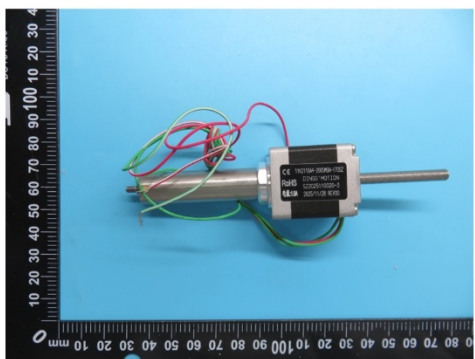
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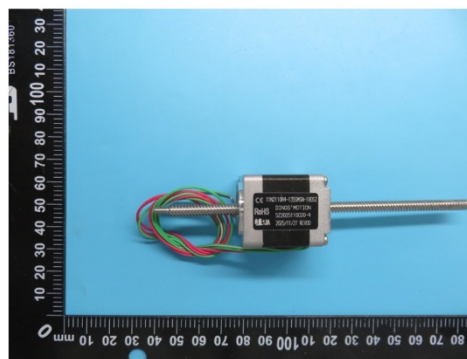
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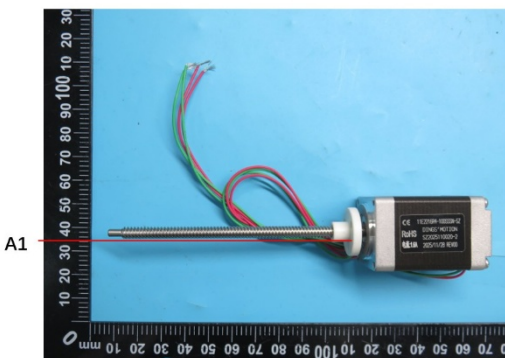
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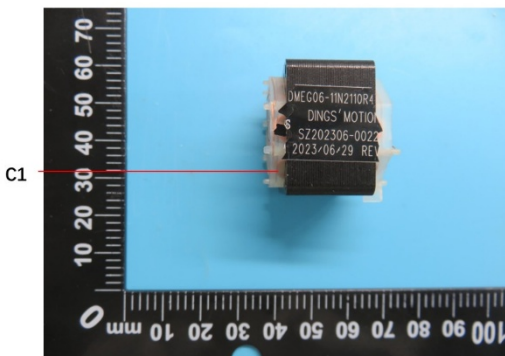
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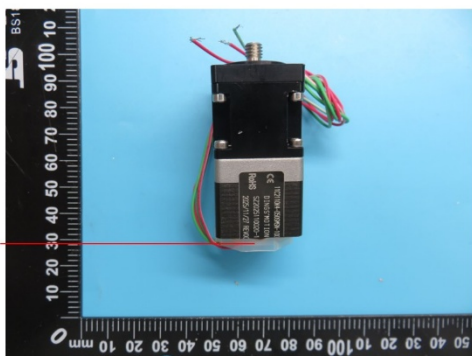
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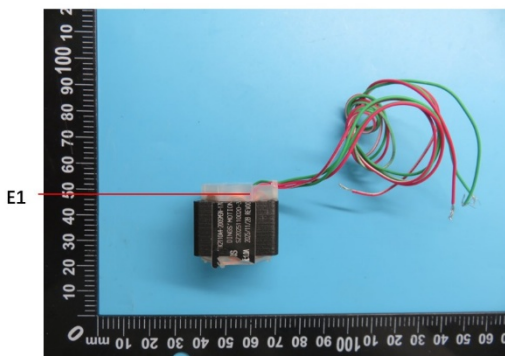
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C1



D1



E1



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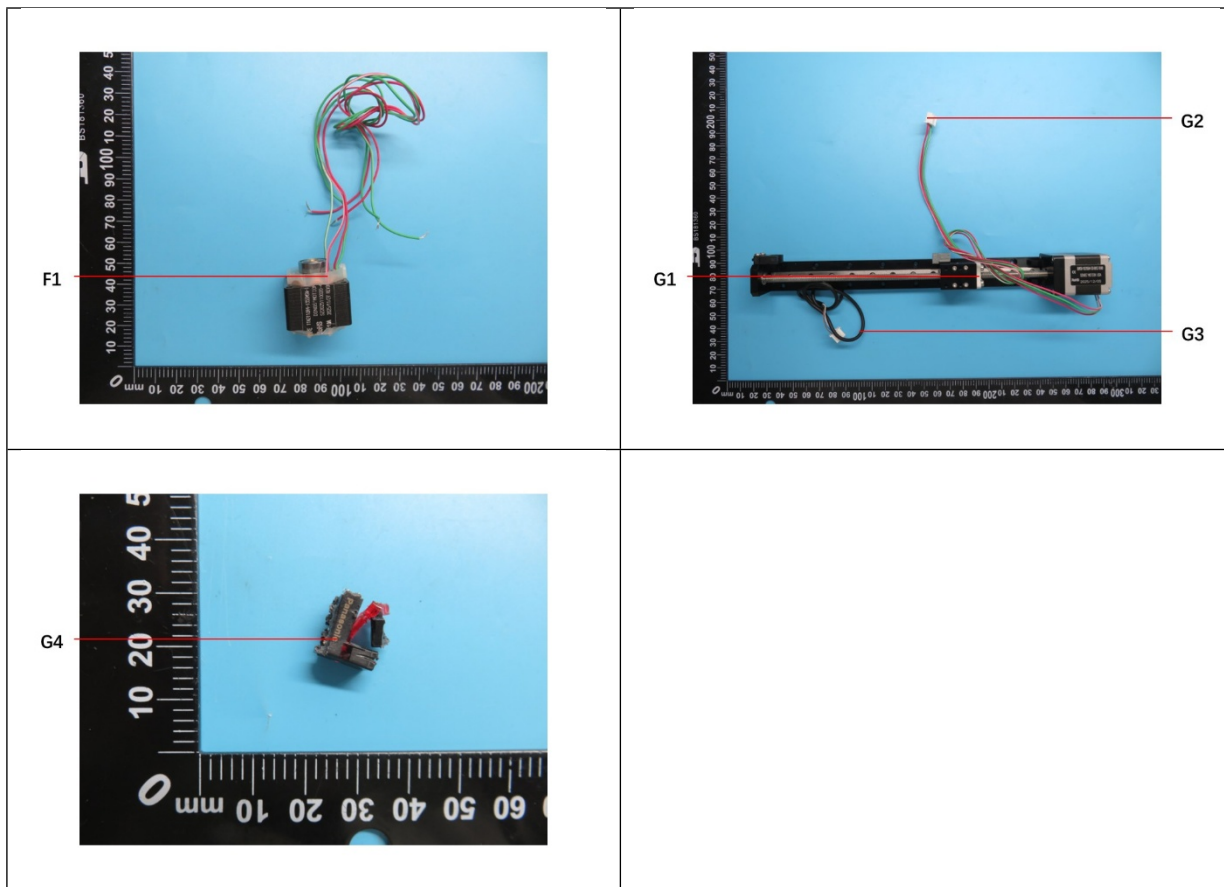


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