



TEST REPORT

Report No. **GR:HL:1452002221** ISSUE DATE: **18-Sep-2023**



HITECH INTERNATIONAL  
PLOT NO.18 SECTOR 6 IMT MANESAR  
INDIA  
CONTACT PERSON: POONAM MALHOTRA

THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS :

SAMPLE DESCRIPTION DR. BIO TRANSPARENT BAGS  
COLOR WHITE  
BUYER DR. BIO  
COUNTRY OF DESTINATION INDIA  
COUNTRY OF ORIGIN INDIA

LAB PROVIDED DETAILS:

CONDITION OF SAMPLE COMPLETE AND OK  
THE LOCATION OF PERFORMANCE OF THE LABORATORY ACTIVITIES: SGS CHENNAI LABORATORY  
SAMPLE RECD ON 01-Sep-2023 TESTING PERIOD : 01-Sep-2023 - 18-Sep-2023

SUMMARY OF TEST RESULT:

TESTS	PASS	FAIL	REMARKS
PERFLUORINATED AND POLYFLUORINATED CHEMICALS (PFAS)			SEE RESULT

Remarks: P= Pass

F= Fail

TEST(S) RESULT & METHOD: PLEASE REFER TO NEXT PAGE(S). RESULTS APPLY TO THE SAMPLE AS RECEIVED

Per Pro SGS India Pvt. Ltd.

YOGESH JOSHI (Manager-RSTS)  
Authorized Signatory-Chemical

Email your Test Report Related Enquiries at [Feedback.HLT@sgs.com](mailto:Feedback.HLT@sgs.com)

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**NON ACCREDITED TEST(S)**

**TEST RESULT:**

**PERFLUORINATED AND POLYFLUORINATED CHEMICALS (PFAS):**

**Method:** With reference to EN ISO 23702-1:2023, EN 17681-1:2022 and EN 17681-2:2022. Analysis was conducted by HPLC-MS/MS and GC-MS.

S:No	Test result per sample surface area unit	CAS-No.	Result	S:No	Test result per sample surface area unit	CAS-No.	Result
			1				1
1	Perfluorooctanoic Acid	335-67-1	ND		<b>PFHxS and its salts</b>		
2	Sodium perfluorooctanoate	335-95-5	ND	62	Perfluorohexanesulfonic Acid	355-46-4	ND
3	Potassium perfluorooctanoate	2395-00-8	ND	63	1-Hexanesulfonic acid, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-, sodium salt	82382-12-5	ND
4	Silver perfluorooctanoate	335-93-3	ND	64	Potassium perfluorohexane-1-sulphonate	3871-99-6	ND
5	Perfluorooctanoyl fluoride	335-66-0	ND	65	Perfluorohexane Sulfonic acid, lithium salt	55120-77-9	ND
6	Ammonium perfluorooctanoate	3825-26-1	ND	66	Perfluorohexane Sulfonic acid, ammonium salt	68259-08-5	ND
	<b>PFOA-related substances</b>				<b>PFHxS-related substances</b>		
7	1H,1H,2H,2H-Perfluorodecanesulfonic acid	39108-34-4	ND	67	N-Methylperfluoro-1-hexanesulfonamide	68259-15-4	ND
8	Methyl perfluorooctanoate	376-27-2	ND	68	Perfluorohexane sulfonamide	41997-13-1	ND
9	Ethyl perfluorooctanoate	3108-24-5	ND		<b>Others</b>		
10	1H,1H,2H,2H-Perfluorodecyl acrylate	27905-45-9	ND	69	Perfluorobutane Acid	375-22-4	ND
11	1H,1H,2H,2H-Perfluorodecyl methacrylate	1996-88-9	ND	70	Perfluorobutanesulfonic Acid	375-73-5	ND
12	Perfluoro-1-iodooctane	507-63-1	ND	71	Potassium perfluorobutanesulfonate	29420-49-3	ND

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13	2H,2H Perfluorodecane Acid	27854-31-5	ND	72	Perfluorobutane sulfonic acid hydrate	59933-66-3	ND
14	Tetrabutylphosphonium 2H,2H-Perfluorodecanoate	882489-14-7	ND	73	Perfluoropentane Acid	2706-90-3	ND
15	1H,1H,2H,2H-Perfluorodecan-1-ol	678-39-7	ND	74	Perfluorohexane Acid	307-24-4	ND
	<b>PFOS and its salts</b>			75	Ammonium perfluorohexanoate	21615-47-4	ND
16	Perfluorooctanesulfonic Acid	1763-23-1	ND	76	Perfluoroheptane Acid	375-85-9	ND
17	Potassium perfluorooctane sulfonate	2795-39-3	ND	77	Perfluoroheptanesulfonic Acid	375-92-8	ND
18	Sodium perfluorooctane sulfonate	4021-47-0	ND	78	Sodium perfluoroheptanesulfonate	21934-50-9	ND
19	Lithium perfluorooctane sulfonate	29457-72-5	ND	79	Potassium perfluoroheptanesulfonate	60270-55-5	ND
20	Ammonium perfluorooctane sulfonate	29081-56-9	ND	80	7H-Dodecanefluoroheptane Acid	1546-95-8	ND
21	Perfluorooctane sulfonate diethanolamine salt	70225-14-8	ND	81	Perfluorooctanesulphonic acid 1H,1H,2H,2H	27619-97-2	ND
22	Perfluorooctanesulfonic acid, tetraethylammonium salt	56773-42-3	ND	82	1H,1H,2H,2H-Perfluorooctylacrylate	17527-29-6	ND
23	Didecyl dimethyl ammonium perfluorooctane sulfonate	251099-16-8	ND	83	1H,1H,2H,2H-Perfluoro-1-hexanol	2043-47-2	ND
24	Perfluoro-1-octanesulfonyl fluoride	307-35-7	ND	84	1H,1H,2H,2H-Perfluoro-1-octanol	647-42-7	ND
	<b>PFOS-related substances</b>			85	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionic acid, its salts and its acyl halides	13252-13-6	ND
25	N-ethylperfluoro-1-octanesulfonamide	4151-50-2	ND	86	Propanoic acid, 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)-, ammonium salt	62037-80-3	ND
26	N-methylperfluoro-1-octanesulfonamide	31506-32-8	ND	87	Potassium 2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionate	67118-55-2	ND

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27	2-(N-ethylperfluoro-1-octanesulfonamido)-ethanol	1691-99-2	ND	88	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionyl fluoride	2062-98-8	ND
28	2-(N-methylperfluoro-1-octanesulfonamido)-ethanol	24448-09-7	ND	89	1H, 1H, 2H, 2H-Perfluorohexanesulfonic Acid	757124-72-4	ND
29	Perfluorooctane sulfonamide	754-91-6	ND	90	Perfluorooctane sulfonamidoacetic Acid	2806-24-8	ND
<b>C9-C14 PFCA and its salts</b>				91	N-Methylperfluoro-1-octanesulfonamidoacetic Acid	2355-31-9	ND
30	Perfluorononane Acid	375-95-1		92	N-Ethylperfluorooctane sulfonamidoacetic Acid	2991-50-6	ND
31	Perfluorodecane Acid	335-76-2	ND	93	Perfluoropentane sulfonic acid	2706-91-4	ND
32	Perfluoroundecanoic Acid	2058-94-8	ND	94	Perfluorononane sulfonic acid	68259-12-1	ND
33	Perfluorododecanoic Acid	307-55-1	ND	95	Perfluoroundecane sulfonic acid	749786-16-1	ND
34	Perfluorotridecanoic Acid	72629-94-8	ND	96	Perfluorododecane sulfonic acid	79780-39-5	ND
35	Perfluorotetradecanoic Acid	376-06-7	ND	97	Perfluorotridecane sulfonic acid	791563-89-8	ND
36	Perfluoro-3,7-dimethyloctanoic Acid	172155-07-6	ND	98	2-Perfluorohexyl ethanoic acid	53826-12-3	ND
37	Sodium heptadecafluorononanoate	21049-39-8	ND	99	3-Perfluoropentyl propanoic acid	914637-49-3	ND
38	Perfluorononanoate ammonium salt	4149-60-4	ND	100	Hexadecanoic acid, hentriacontafuoro-	67905-19-5	ND
39	Sodium nonadecafluorodecanoate	3830-45-3	ND	101	Octadecanoic acid, pentatriacontafuoro-	16517-11-6	ND
40	Perfluorodecanoate ammonium salt	3108-42-7	ND	102	bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptafluorodecyl) hydrogen phosphate	678-41-1	ND
41	Ammonium tricosafuorododecanoate	3793-74-6	ND	103	1H,1H,2H,2H-Perfluorooctyl methacrylate	2144-53-8	ND

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C9-C14 PFCA-related substances				104	4,8-Dioxa-3H-perfluorononanoic acid	919005-14-4	ND
42	Perfluorodecane sulfonic Acid	335-77-3	ND	105	Perfluoro-3-methoxypropanoic acid	377-73-1	ND
43	1H,1H,2H,2H-Perfluoro-1-dodecaol	865-86-1	ND	106	Perfluoro-4-methoxybutanoic acid	863090-89-5	ND
44	1H,1H,2H,2H-Perfluorododecylacrylate	17741-60-5	ND	107	Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6	ND
45	Sodium perfluorodecanesulfonate	2806-15-7	ND	108	9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid	756426-58-1	ND
46	Potassium perfluorodecanesulfonate	2806-16-8	ND	109	11-Chloroeicosfluoro-3-oxaundecane-1-sulfonic acid	763051-92-9	ND
47	Perfluorodecanesulfonic acid ammonium salt	67906-42-7	ND	110	Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7	ND
48	1-Iodo-1H,1H,2H,2H-perfluorodecane	2043-53-0		111	3-Perfluoropropyl propanoic acid	356-02-5	ND
49	1H,1H,2H,2H-Perfluorododecyltriethoxysilane	101947-16-4	ND	112	3-Perfluoroheptyl propanoic acid	812-70-4	ND
50	2H,2H,3H,3H-Perfluoroundecanoic Acid	34598-33-9	ND				
51	1H,1H,2H,2H-Perfluorododecyl methacrylate	2144-54-9	ND				
52	1H,1H,2H,2H-perfluorotetradecan-1-ol	39239-77-5	ND				
53	1H,1H,2H,2H-Perfluorododecane sulfonic acid	120226-60-0	ND				
54	1H,1H,2H,2H-Perfluorododecyl iodide	2043-54-1	ND				
55	1H,1H,2H,2H-Perfluorotetradecyl iodide	30046-31-2	ND				
56	1H,1H,2H,2H-Perfluorodecanesulfonic acid	39108-34-4	ND				
57	1H,1H,2H,2H-Perfluorododecyl acrylate	27905-45-9	ND				

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58	1H,1H,2H,2H-Perfluorodecyl methacrylate	1996-88-9	ND
59	2H,2H Perfluorodecane Acid	27854-31-5	ND
60	Tetrabutylphosphonium 2H,2H-Perfluorodecanoate	882489-14-7	ND
61	1H,1H,2H,2H-Perfluorodecan-1-ol	678-39-7	ND

Tested item: TRANSPARENT BAGS (WHITE)

**Reporting limit:**

- PFOS, its salts and related compounds = 1 µg/m<sup>2</sup>
- PFOA, its salts = 10 ppb = 0.01 mg/kg
- PFOA-related compounds = 100 ppb (each) = 0.10 mg/kg (each)
- C9-C14 PFCA, their salts = 10 ppb (each) = 0.01 mg/kg (each)
- C9-C14 PFCA-related substances = 100 ppb (each) = 0.10 mg/kg (each)
- PFHxS, its salts = 10 ppb = 0.01 mg/kg
- PFHxS-related compounds = 100 ppb (each) = 0.10 mg/kg (each), except N-MeFHSEA = 500 ppb = 0.50 mg/kg
- PFHxA, its salts = 100 ppb = 0.10 mg/kg
- Other PFAS = 1000 ppb = 1 mg/kg (each)

**Note:**

- ND = Not Detected
- Testing has been performed as per customer request.
- Test has been sub-contracted to ISO/IEC 17025 accredited laboratory.

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### Sample as Received



\*\*\*\*\*END OF REPORT\*\*\*\*\*