

TEST REPORT

Report No. : MAN:HL:1548002272

ISSUE DATE: 09-Apr-2024



ECOLATES INDIAN PRIVATE LIMITED
 SURVEY NO 631, KHADSUPA, NAVATALAV,
 NAVSARI-396433, GUJARAT
 INDIA
CONTACT PERSON: ANIMESH PATEL

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

SAMPLE DESCRIPTION	9 INCH & 6 INCH ROUND SUGARCANE BAGASSEE PLATE, NO. COMPARTMENT, 12OZ BOWL
COLOUR	WHITE
STYLE NO.	9" ROUND-NO COMPARTMENT, 6" ROUND & 12OZ BOWL
COUNTRY OF DESTINATION	USA
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 20-Mar-2024 **TESTING PERIOD :** 22-Mar-2024 - 09-Apr-2024

SUMMARY OF TEST RESULTS:

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.



SANDIP BHUSHAN
TECHNICAL MANAGER
Authorized Signatory-Mechanical
 Email your Test Report Related Enquiries at 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. Analysis was conducted by HPLC-MS/MS and GC-MS.

	CAS-No.	Result
PFOS, its salts and related compounds		
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	Not Detected
N-ethylperfluoro-1-octanesulfonamide (EtFOSA)	4151-50-2	Not Detected
N-methylperfluoro-1-octanesulfonamide (MeFOSA)	31506-32-8	Not Detected
2-(N-ethylperfluoro-1-octanesulfonamido)- ethanol (EtFOSE)	1691-99-2	Not Detected
2-(N-methylperfluoro- 1-octanesulfonamido) -ethanol (MeFOSE)	24448-09-7	Not Detected
Perfluorooctane sulfonamide (PFOSA)	754-91-6	Not Detected
PFOA, its salts		
Perfluorooctanoic acid (PFOA)	335-67-1	Not Detected
PFOA-related compounds		
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	Not Detected
Methyl perfluorooctanoate (Me-PFOA)	376-27-2	Not Detected
Ethyl perfluorooctanoate (Et-PFOA)	3108-24-5	Not Detected
1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA)	27905-45-9	Not Detected
1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA)	1996-88-9	Not Detected
Perfluoro-1-iodooctane (PFOI)	507-63-1	Not Detected
2H,2H Perfluorodecane Acid (H2PFDA / 8:2 FTCA)	27854-31-5	Not Detected
1H,1H,2H,2H-Perfluorodecan-1-ol (8:2 FTOH)	678-39-7	Not Detected
C9-C14 PFCA, its salts		
Perfluorononane Acid (PFNA)	375-95-1	Not Detected
Perfluorodecane Acid (PFDA)	335 -76-2	Not Detected
Perfluoroundecanoic Acid (PFUnDA)	2058-94-8	Not Detected
Perfluorododecanoic Acid (PFDoDA)	307-55-1	Not Detected
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	Not Detected
Perfluorotetradecanoic Acid (PFTDA)	376-06-7	Not Detected
Perfluoro-3,7-dimethyloctanoic Acid (PF- 3,7-DMOA)	172155-07-6	Not Detected

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	CAS-No.	Result
C9-C14 PFCA-related substances		
Perfluorodecane sulfonic Acid (PFDS)	335-77-3	Not Detected
1H,1H,2H,2H-Perfluoro-1-dodecanol (10:2 FTOH)	865-86-1	Not Detected
1H,1H,2H,2H-Perfluorododecylacrylate (10:2 FTA)	17741-60-5	Not Detected
1-Iodo-1H,1H,2H,2H-perfluorodecane (8:2 FTI)	2043-53-0	Not Detected
1H,1H,2H,2H-Perfluorodecyltriethoxysilane (8:2 FTSi(OC2H5)3)	101947-16-4	Not Detected
2H,2H,3H,3H-Perfluoroundecanoic Acid (H4PFUnDA / 8:3 FTCA)	34598-33-9	Not Detected
1H,1H,2H,2H-Perfluorododecyl methacrylate (10:2 FTMA)	2144-54-9	Not Detected
1H,1H,2H,2H-perfluorotetradecan-1-ol (12:2 FTOH)	39239-77-5	Not Detected
1H,1H,2H,2H-Perfluorododecane sulfonic acid (10:2 FTS)	120226-60-0	Not Detected
1H,1H,2H,2H-Perfluorododecyl iodide (10:2 FTI)	2043-54-1	Not Detected
1H,1H,2H,2H-Perfluorotetradecyl iodide (12:2 FTI)	30046-31-2	Not Detected
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	Not Detected
1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA)	27905-45-9	Not Detected
1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA)	1996-88-9	Not Detected
2H,2H Perfluorodecane Acid (H2PFDA / 8:2 FTCA)	27854-31-5	Not Detected
1H,1H,2H,2H-Perfluorodecan-1-ol (8:2 FTOH)	678-39-7	Not Detected
PFHxS, its salts		
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	Not Detected
PFHxS-related compounds		
N-Methylperfluoro-1-hexane sulfonamide (N-Me-FHxSA)	68259-15-4	Not Detected
Perfluorohexane sulfonamide (PFHxSA)	41997-13-1	Not Detected
Conclusion	--	Pass

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	CAS-No.	Result
Other PFAS		
Perfluorobutane acid (PFBA)	375-22-4	Not Detected
Perfluorobutanesulfonic acid (PFBS)	375-73-5	Not Detected
Perfluoropentane acid (PFPeA)	2706-90-3	Not Detected
Perfluorohexane acid (PFHxA)	307-24-4	Not Detected
Perfluoroheptane acid (PFHpA)	375-85-9	Not Detected
Perfluoroheptanesulfonic acid (PFHpS)	375-92-8	Not Detected
7H-Dodecafluoroheptane acid (7HPFHpA)	1546-95-8	Not Detected
Perfluorooctanesulphonic acid 1H,1H,2H,2H (6:2 FTS)	27619-97-2	Not Detected
1H,1H,2H,2H-Perfluorooctylacrylate (6:2 FTA)	17527-29-6	Not Detected
1H,1H,2H,2H-Perfluoro-1-hexanol (4:2 FTOH)	2043-47-2	Not Detected
1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH)	647-42-7	Not Detected
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionic acid, its salts and its acyl halides (HPFO-DA)	13252-13-6	Not Detected
1H, 1H, 2H, 2H-Perfluorohexanesulfonic Acid (4:2 FTS)	757124-72-4	Not Detected
Perfluorooctane sulfonamidoacetic acid (FOSAA)	2806-24-8	Not Detected
N-Methylperfluoro-1- octanesulfonamidoacetic acid (N- MeFOSAA)	2355-31-9	Not Detected
N-Ethylperfluorooctane sulfonamidoacetic acid (N-EtFOSAA)	2991-50-6	Not Detected
Perfluoropentane sulfonic acid (PFPeS)	2706-91-4	Not Detected
Perfluorononane sulfonic acid (PFNS)	68259-12-1	Not Detected
Perfluoroundecane sulfonic acid (PFUnDS)	749786-16-1	Not Detected
Perfluorododecane sulfonic acid (PFDoDS)	79780-39-5	Not Detected
Perfluorotridecane sulfonic acid (PFTrDS)	791563-89-8	Not Detected
2-Perfluorohexyl ethanoic acid (6:2 FTCA)	53826-12-3	Not Detected
3-Perfluoropentyl propanoic acid (5:3 FTCA)	914637-49-3	Not Detected
Hexadecanoic acid, hentriacontafuoro- (PFHxDA)	67905-19-5	Not Detected
Octadecanoic acid, pentatriacontafuoro- (PFODA)	16517-11-6	Not Detected
bis(3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluorodecyl) hydrogen phosphate (8:2 diPAP)	678-41-1	Not Detected
1H,1H,2H,2H-Perfluorooctyl methacrylate (6:2 FTMA)	2144-53-8	Not Detected
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	919005-14-4	Not Detected
Perfluoro-3-methoxypropanoic acid (PFMPA)	377-73-1	Not Detected
Perfluoro-4-methoxybutanoic acid (PFMBA)	863090-89-5	Not Detected
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	151772-58-6	Not Detected
9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (9Cl-PF3ONS)	756426-58-1	Not Detected
11-Chloroeicosafuoro-3-oxaundecane-1-sulfonic acid (11Cl-PF3OUdS)	763051-92-9	Not Detected
Perfluoro (2-ethoxyethane)sulfonic acid (PFEESA)	113507-82-7	Not Detected
3-Perfluoropropyl propanoic acid (3:3 FTCA)	356-02-5	Not Detected
3-Perfluoroheptyl propanoic acid (7:3 FTCA)	812-70-4	Not Detected



NON ACCREDITED TEST(S)

Tested Item: 9 INCH & 6 INCH ROUND SUGARCANE BAGASSEE PLATE, NO. COMPARTMENT, 12OZ BOWL

Note :-

- 1 ppm = 1 mg/kg
- Test has been sub-contracted to ISO/IEC 17025 accredited laboratory.
- Testing has been performed as per customer request.

1. PFOS refer to its salts/derivative including PFOS-K (CAS No.: 2795-39-3), PFOS-Li (CAS No.: 29457-72-5), PFOS-Na (CAS No.: 4021-47-0), PFOS-NH₄ (CAS No.: 29081-56-9), PFOS-NH₂(C₂H₄OH)₂ (CAS No.: 70225-14-8), PFOS-N(C₂H₅)₄ (CAS No.: 56773-42-3), PFOS-N(C₁₀H₂₁)₂(CH₃)₂ (CAS No.: 251099-16-8) and POSF (CAS No.: 307-35-7)
2. PFOA refer to its salts/derivative including PFOA-Na (CAS No.: 335-95-5), PFOA-K (CAS No.: 2395-00-8), PFOA-Ag (CAS No.: 335-93-3), PFOA-F (CAS No.: 335-66-0) and APFO (CAS No.: 3825-26-1)
3. PFAS classified as both PFOA-related compounds and C9-C14 PFCA-related substances
4. PFNA refer to its salts including PFNA-Na (CAS No.: 21049-39-8) and PFNA-NH₄ (CAS No.: 4149-60-4); PFDA refer to its salts including PFDA-Na (CAS No. 3830-45-3) and PFDA-NH₄ (CAS No: 3108-42-7); PFDoDA refer to its salts including PFDoDA-NH₄ (CAS No.: 3793-74-6)
5. PFBS refers to its salts including PFBS-K (CAS No.: 29420-49-3) and PFBS-H₂O (CAS No.: 59933-66-3)
6. PFHxA refers to its salt including APFHx (CAS No.: 21615-47-4)
7. PFHxS refers to its salts including PFHxS-Na (CAS No.: 82382-12-5), PFHxS-K (CAS No.: 3871-99-6), PFHxS-Li (CAS No.: 55120-77-9) and PFHxS-NH₄ (CAS No.: 68259-08-5)
8. PFHpS refers to its salts including PFHpS-Na (CAS No. ~~68555-66-8~~ 21934-50-9) and PFHpS-K (CAS No.: 60270-55-5)
9. HPFO-DA refers to its salts including HFPO-DA-NH₄ (CAS No.: 62037-80-3),
HFPO-DA-K (CAS No.: 67118-55-2) and HFPO-DA-F (CAS No.: 2062-98-8)
10. PFDS refer to its salts including PFDS-Na (CAS No.: 2806-15-7), PFDS-K (CAS No.: 2806-16-8) and PFDS-NH₄ (CAS No.: 67906-42-7)
11. H₂PFDA / 8:2 FTCA refer to its salt/derivative including 8:2 FTCA-P(C₄H₉)₄ (CAS No.: 882489-14-7)

Reporting limit:

- PFOS, its salts and related compounds = 1 µg/m²
- PFOA, its salts = 0.010 mg/kg = 10 ppb
- PFOA-related compounds = 0.1 mg/kg (each)
- C9-C14 PFCA, their salts = 0.010 mg/kg (each) = 10 ppb
- C9-C14 PFCA-related substances = 0.1 mg/kg (each)
- PFHxS, its salts = 0.010 mg/kg (each) = 10 ppb
- PFHxS-related compounds = 0.1 mg/kg (each)
- Other PFAS = 0.1 mg/kg (each)



NON ACCREDITED TEST(S)

Requirement:

PFOS, its salts and related compounds	
Textile or other coated materials	1 µg/m ² (each)
Recommended requirement with reference to commission regulation (EU) 2019/1021 ; and Switzerland ORRChem Annex 1.16 of Art. 3 in SR 814.81	
PFOA, its salts	25 ppb (0.025 mg/kg)
PFOA-related compounds	1 mg/kg (total)
Recommended requirement with reference to Regulation (EU) 2020/784 amending Annex I to Regulation (EC) 2019/1021; and Switzerland ORRChem Annex 1.16 of Art. 3 in SR 814.81	
C9-C14 PFCA, their salts	25 ppb (0.025 mg/kg) (total)
C9-C14 PFCA-related substances	260 ppb (0.26 mg/kg) (total)
Recommended requirement with reference to commission regulation (EU) 2021/1297 amending Annex XVII to Regulation (EC) 1907/2006. (Effective date: 25th February 2023); and Switzerland ORRChem Annex 1.16 of Art. 3 in SR 814.81	
PFHxS, its salts	25 ppb (0.025 mg/kg)
PFHxS-related compounds	1 mg/kg (total)
Recommended requirement with reference to Switzerland ORRChem Annex 1.16 of Art. 3 in SR 814.81	
Other PFAS	Not Applicable

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Sample as Received (Tested Sample)



Sample as Received (Grouped Sample)



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