

**TEST REPORT****Report No. : GR:HL:1452001147****ISSUE DATE: 08th July, 2023****GRABECO PACKAGING LLP**E-203, EPIP, NEEMRANA, RAJASTHAN,
INDIA**CONTACT PERSON: UTKARSH SHARMA****THE FOLLOWING SAMPLE(S) WAS/WERE SUBMITTED AND IDENTIFIED BY/ON BEHALF OF THE CUSTOMER AS :****SAMPLE DESCRIPTION** SUGARCANE DISPOSABLE TABLEWARE**COLOR** WHITE**END USE** FOOD SERVING**COUNTRY OF ORIGIN** INDIA**CONDITION OF SAMPLE** COMPLETE AND OK**THE LOCATION OF PERFORMANCE OF THE LABORATORY ACTIVITIES : SGS CHENNAI LABORATORY****LAB PROVIDED DETAILS :****SAMPLE RECD ON** 21/06/2023**TEST PERFORMING DATE** 21/06/2023 TO 08/07/2023**SUMMARY OF TEST RESULTS:**

TEST REQUESTED	CONCLUSION
PERFLUORINATED AND POLYFLUORINATED CHEMICALS (PFAS)	SEE RESULT

TEST(S) RESULT & METHOD: PLEASE REFER TO NEXT PAGE(S) . RESULTS APPLY TO THE SAMPLE AS RECEIVED**Per Pro SGS India Pvt Ltd.****Authorised Signatory****Prabhat Ranjan Jena****(Manager-RSL)**Email your Test Report Related Enquiries at Feedback.HLT@sgs.com

TEST REPORT

Report No. : GR:HL:1452001147

ISSUE DATE: 08th July, 2023



TEST RESULTS :-

Perfluorinated and Polyfluorinated Chemicals (PFAS):

Method: With reference to ISO 23702-1: 2018. Analysis was conducted by HPLC-MS / GC-MS.

Substances	CAS no.	Results
PFOA and its salts		
Perfluorooctanoic Acid (PFOA)	335-67-1	n.d.
PFOA-Na	335-95-5	n.d.
PFOA-K	2395-00-8	n.d.
PFOA-Ag	335-93-3	n.d.
PFOA-F	335-66-0	n.d.
APFO	3825-26-1	n.d.
PFOA-related substances		
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	n.d.
Methyl perfluorooctanoate (Me-PFOA)	376-27-2	n.d.
Ethyl perfluorooctanoate (Et-PFOA)	3108-24-5	n.d.
1H,1H,2H,2H-Perfluorodecan-1-ol (8:2 FTOH)	678-39-7	n.d.
1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA)	27905-45-9	n.d.
1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA)	1996-88-9	n.d.
Perfluoro-1-iodooctane (PFOI)	507-63-1	n.d.
PFOS and its salts		
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	n.d.
PFOS-K	2795-39-3	n.d.
PFOS-Li	29457-72-5	n.d.
PFOS-NH ₄	29081-56-9	n.d.
PFOS-NH(OH) ₂	70225-14-8	n.d.
PFOS-N(C ₂ H ₅) ₄	56773-42-3	n.d.
PFOS-N(C ₁₀ H ₂₁) ₂ (CH ₃) ₂	251099-16-8	n.d.
POSF	307-35-7	n.d.
PFOS-related substances		
N-ethylperfluoro-1-octanesulfonamide (EtFOSA)	4151-50-2	n.d.
N-methylperfluoro-1-octanesulfonamide (MeFOSA)	31506-32-8	n.d.
2-(N-ethylperfluoro-1-octanesulfonamido)-ethanol (EtFOSE)	1691-99-2	n.d.
2-(N-methylperfluoro-1-octanesulfonamido)-ethanol (MeFOSE)	24448-09-7	n.d.
Perfluorooctane sulfonamide (PFOSA)	754-91-6	n.d.
C9-C14 PFCA and its salts		
Perfluorononane Acid (PFNA)	375-95-1	n.d.
Perfluorodecane Acid (PFDA)	335-76-2	n.d.
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	n.d.
Perfluorododecanoic Acid (PFDoA)	307-55-1	n.d.
Perfluorotridecanoic Acid (PFTra)	72629-94-8	n.d.
Perfluorotetradecanoic Acid (PFTeA)	376-06-7	n.d.
Perfluoro-3,7-dimethyloctanoic Acid (PF-3,7-DMOA)	172155-07-6	n.d.
PFNA-Na	21049-39-8	n.d.
APFN	4149-60-4	n.d.
PFDA-Na	3830-45-3	n.d.
APFDA	3108-42-7	n.d.
PFDoA-NH ₄	3793-74-6	n.d.

JOE No.: 2352800471

400055942

Page 2 of 4

Control No.: 1452501253

This document is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at http://www.sgs.com/terms_and_conditions.htm and Terms and Conditions for electronic documents www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. This document cannot be reproduced except in full, without prior approval of the Company

Connectivity and Products, 226, Udyog Vihar, Phase I, Gurugram-122016, Haryana, Phone : t: +91-124-613500 T:91-124-6776403/404
Regd & Cord. Off : SGS House, 4B, A.S. Marg, V Khrolie (West), Mumbai – 400083, Tel: (022) 66408888 Fax : (022) 66408829 www.sgs.com

TEST REPORT

Report No. : GR:HL:1452001147

ISSUE DATE: 08th July, 2023



C9-C14 PFCA-related substances

Perfluorodecane sulfonic Acid (PFDS)	335-77-3	n.d
1H,1H,2H,2H-Perfluoro-1-dodecaol (10:2 FTOH)	865-86-1	n.d
1H,1H,2H,2H-Perfluorododecylacrylate (10:2 FTA)	17741-60-5	n.d
PFDS-Na	2806-15-7	n.d
PFDS-K	2806-16-8	n.d
PFDS-NH4	67906-42-7	n.d

Other

Perfluorobutane Acid (PFBA)	375-22-4	n.d
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	n.d
Perfluoropentane Acid (PFPeA)	2706-90-3	n.d
Perfluorohexane Acid (PFHxA)	307-24-4	n.d
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	n.d
Perfluoroheptane Acid (PFHpA)	375-85-9	n.d
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	n.d
7H-Dodecanefluoroheptane Acid (HPFHpA)	1546-95-8	n.d
2H,2H Perfluorodecane Acid (H2PFDA)	27854-31-5	n.d
2H,2H,3H,3H-Perfluoroundecanoic Acid (H4PFUnA)	34598-33-9	n.d
Perfluorooctanesulphonic acid 1H,1H,2H,2H (H4PFOS; 6:2 FTS)	27619-97-2	n.d
1H,1H,2H,2H-Perfluorooctylacrylate (6:2 FTA)	17527-29-6	n.d
1H,1H,2H,2H-Perfluoro-1-hexanol (4:2 FTOH)	2043-47-2	n.d
1H,1H,2H,2H-Perfluoro-1-octanol (6:2 FTOH)	647-42-7	n.d
2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionic acid, its salts and its acyl halides	13252-13-6	n.d
1H, 1H, 2H, 2H-Perfluorohexanesulfonic Acid (H4-PFGxS(4:2 FTS))	757124-72-4	n.d
Perfluorooctane sulfonamidoacetic Acid	2806-24-8	n.d
N-Methylperfluoro-1-octanesulfonamidoacetic Acid	2355-31-9	n.d
N-Ethylperfluorooctane sulfonamidoacetic Acid	2991-50-6	n.d
Perfluoropentane sulfonic acid (PFPeS)	2706-91-4	n.d
Perfluorononane sulfonic acid (PFNS)	68259-12-1	n.d
Perfluoroundecane sulfonic acid (PFUnS)	749786-16-1	n.d
Perfluorododecane sulfonic acid (PFDoDS)	79780-39-5	n.d
Perfluorotridecane sulfonic acid (PFTrDS)	791563-89-8	n.d
2-Perfluorohexyl ethanoic acid (6:2 FTCA)	53826-12-3	n.d
3-Perfluoropentyl propanoic acid (5:3 FTCA)	914637-49-3	n.d

Note:

- n.d. = Not Detected
- Reporting limit: 1 mg/kg
- Testing has been subcontracted to SGS Chennai lab.
- Testing has been performed as per customer request.

TEST REPORT

Report No. : GR:HL:1452001147

ISSUE DATE: 08th July, 2023



Sample as Received



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

JOE No. :2352800471

400055942

Page 4 of 4

Control No.: 1452501253

This document is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at http://www.sgs.com/terms_and_conditions.htm and Terms and Conditions for electronic documents www.sgs.com/terms_e-document.htm. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only. This document cannot be reproduced except in full, without prior approval of the Company

Connectivity and Products, 226, Udyog Vihar, Phase I, Gurugram-122016, Haryana, Phone : t: +91-124-613500 T:91-124-6776403/404
Regd & Cord. Off : SGS House, 4B, A.S. Marg, V Khrolie (West), Mumbai – 400083, Tel: (022) 66408888 Fax : (022) 66408829 www.sgs.com