

# TEST REPORT

Report No.: 66.441.26.7798.01

Dated: 2026-04-29



Applicant: Ji'an City Sanling Microfiber Co.,Ltd.  
Address: No.1 Huandao Rd.(South), Jinggangshan National Economic & Technology Industry Zone, Ji'an, Jiangxi, China  
Contact Person: Sara Dai

Sample Description: Microfiber suede S2 C0 - A2-4FP1319  
Colour: Black  
Fiber Content: Nylon, Pu  
Country of Origin: CHINA

Sample Received Date: 2026-04-22  
Date of Testing: 2026-04-23 to 2026-04-29

Sample submitted: The Sample(s) and Its (Their) Information(s) Was (Were) Submitted by Applicant and Identified.

Test result(s): Refer to the Section 3

Note:

- (1) Each order is subject to acceptance of our [General Terms and Conditions](#) and the [TÜV SÜD Testing, Certification, Validation and Verification Regulation](#), in the version valid at the time the contract is concluded. For full version of above both documents, please visit the link to view.
- (2) The results in this report are relevant only to the sample(s) tested.
- (3) The test report shall not be reproduced except in full without the written approval of the laboratory.
- (4) Disclaimer Measurement Uncertainty:  
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 or CNAS-GL015:2022.
- (5) The testing report without CMA stamp is not legally binding and could only be used as internal reference material for the applicant. It shall not be provided as a notarial certification.

Laboratory:  
TÜV SÜD Certification and Testing  
(China) Co., Ltd. Xiamen Branch  
Testing Location: Xiamen  
Form No.: TC\_XMN\_F\_24.04 E  
Rev:03  
Effective Date:2024-10-23

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Xiamen Branch  
Unit 401 No.93 Huli Industrial Park, Meixi Road, Tong'an  
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## 1. Description of the test subject:

|  |  |
|--|--|
|  |  A photograph of a rectangular, black, folded piece of microfiber suede material, held together by two silver paper clips on the left side. The material is laid flat against a light gray background. |
| 1. Black Microfiber suede S2 C0 - A2-4FP1319 |  |

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## 3 Test Results

### 3.1 Per- & Polyfluoroalkyl Substances (PFAS) Content Test

Test with reference to EN 17681-1:2025, determined by LC-MS/MS

For 10:2 FTI,12:2 FTI, Test with reference to EN 17681-1:2025 Annex E & F, determined by GC-MS.

| No   | Substances List   | CAS No.     | Unit | Result | MDL | Client's Requirement |
|--|---|-------------|------|--------|-----|----------------------|
|  |   |             |      | 001    |     |                      |
| 1  | N-decyl-N,N-dimethyldecane-1-aminium 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluorooctane-1-sulfonate (PFOS-N(C <sub>10</sub> H <sub>21</sub> ) <sub>2</sub> (CH <sub>3</sub> ) <sub>2</sub> ) <sup>Ab</sup> | 251099-16-8 | --   | N/A    | --  | --                   |
| 2  | Perfluorooctane sulfonic acid (PFOS)  | 1763-23-1   | ppb  | N.D.   | 10  | --                   |
| 3  | Potassium Perfluorooctanesulfonate (PFOS-K) <sup>Ab</sup>   | 2795-39-3   | --   | N/A    | --  | --                   |
| 4  | Perfluorooctanesulfonic acid, lithium salt (PFOS-Li) <sup>Ab</sup>  | 29457-72-5  | --   | N/A    | --  | --                   |
| 5  | Ammonium perfluorooctanesulfonate (PFOS-NH <sub>4</sub> ) <sup>Ab</sup>   | 29081-56-9  | --   | N/A    | --  | --                   |
| 6  | Perfluorooctane sulfonate diethanolamine salt (PFOS-NH <sub>2</sub> (C <sub>2</sub> H <sub>4</sub> OH) <sub>2</sub> ) <sup>Ab</sup>   | 70225-14-8  | --   | N/A    | --  | --                   |
| 7  | Perfluorooctanesulfonic acid,tetraethylammonium salt (PFOS-N(C <sub>2</sub> H <sub>5</sub> ) <sub>4</sub> ) <sup>Ab</sup>   | 56773-42-3  | --   | N/A    | --  | --                   |
| <b>Sum No.1-7 of PFOS and Its Salts</b>        |   | --          | ppb  | N.D.   | --  | 25                   |
| 8  | N-ethylperfluoro-1-octanesulfonamide (N-EtFOSA)   | 4151-50-2   | ppb  | N.D.   | 10  | --                   |
| 9  | N-methylperfluoro-1-octanesulfonamide (N-MeFOSA)  | 31506-32-8  | ppb  | N.D.   | 10  | --                   |
| 10   | 2-(N-ethylperfluoro-1-octanesulfonamido)-ethanol (N-EtFOSE)   | 1691-99-2   | ppb  | N.D.   | 10  | --                   |
| 11   | 2-(N-methylperfluoro-1-octanesulfonamido)-ethanol (N-MeFOSE)  | 24448-09-7  | ppb  | N.D.   | 10  | --                   |
| 12   | Perfluorooctane Sulfonyl fluoride (PFOS-F) <sup>Ah</sup>  | 307-35-7    | --   | N/A    | --  | --                   |
| 13   | Perfluorooctane Sulfonamide (PFOA)  | 754-91-6    | ppb  | N.D.   | 10  | --                   |
| <b>Sum of No.8-13 PFOS-related Substances</b>  |   | --          | ppb  | N.D.   | --  | 1000                 |
| 14   | Perfluorooctanoic acid (PFOA)   | 335-67-1    | ppb  | N.D.   | 10  | --                   |
| 15   | Sodium perfluorooctanoate (PFOA-Na) <sup>Ab</sup>   | 335-95-5    | --   | N/A    | --  | --                   |
| 16   | Potassium perfluorooctanoate (PFOA-K) <sup>Ab</sup>   | 2395-00-8   | --   | N/A    | --  | --                   |
| 17   | Silver perfluorooctanoate (PFOA-Ag) <sup>Ab</sup>   | 335-93-3    | --   | N/A    | --  | --                   |
| 18   | Perfluorooctanoyl fluoride (PFOA-F) <sup>Ab</sup>   | 335-66-0    | --   | N/A    | --  | --                   |
| 19   | Ammonium pentadecafluorooctanoate (APFO) <sup>Ab</sup>  | 3825-26-1   | --   | N/A    | --  | --                   |
| <b>Sum of No.14-19 PFOA and Its Salts</b>      |   | --          | ppb  | N.D.   | --  | 25                   |
| 20   | 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)  | 39108-34-4  | ppb  | N.D.   | 10  | --                   |
| 21   | Methyl perfluorooctanoate (Me-PFOA) <sup>Ae</sup>   | 376-27-2    | --   | N/A    | --  | --                   |
| 22   | Ethyl perfluorooctanoate (Et-PFOA) <sup>Ae</sup>  | 3108-24-5   | --   | N/A    | --  | --                   |
| 23   | 1H,1H,2H,2H-Perfluoro-1-decanol (8:2 FTOH) <sup>Ac</sup>  | 678-39-7    | ppb  | N.D.   | 100 | --                   |
| 24   | 1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA) <sup>Af</sup>   | 27905-45-9  | --   | N/A    | --  | --                   |
| 25   | 1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA) <sup>Af</sup>  | 1996-88-9   | --   | N/A    | --  | --                   |
| 26   | 2H,2H-Perfluorodecane Acid (8:2 FTCA) <sup>Ag</sup>   | 27854-31-5  | ppb  | N.D.   | 10  | --                   |
| <b>Sum of No.20-26 PFOA-related Substances</b> |   | --          | ppb  | N.D.   | --  | 1000                 |
| 27   | Perfluorohexanesulfonic acid (PFHxS)  | 355-46-4    | ppb  | N.D.   | 10  | --                   |

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|    |  |             |     |      |     |      |
|----|--|-------------|-----|------|-----|------|
| 28 | Perfluorohexanesulfonate K-salt (PFHxS-K)<br>Ab  | 3871-99-6   | --  | N/A  | --  | --   |
| 29 | 1-Hexanesulfonic acid,<br>1,1,2,2,3,3,4,4,5,5,6,6,6- tridecafluoro-,<br>lithium salt (1:1) (PFHxS-Li) Ab | 55120-77-9  | --  | N/A  | --  | --   |
| 30 | Ammonium perfluorohexane-1-sulphonate<br>(PFHxS-NH4) Ab  | 68259-08-5  | --  | N/A  | --  | --   |
| 31 | Perfluorohexanesulfonate Na-salt (PFHxS-<br>Na) Ab   | 82382-12-5  | --  | N/A  | --  | --   |
|    | <b>Sum of No.27-31 PFHxS and Its Salts</b>   | --          | ppb | N.D. | --  | 25   |
| 32 | N-Methylperfluoro-1-hexanesulfonamide (N-<br>Me- PFHxSA)   | 68259-15-4  | ppb | N.D. | 10  | --   |
| 33 | Perfluorohexane sulfonamide (PFHxSA)   | 41997-13-1  | ppb | N.D. | 10  | --   |
|    | <b>Sum of No.32-33 PFHxS-related<br/>Substances</b>  | --          | ppb | N.D. | --  | 1000 |
| 34 | Perfluorononane Acid (PFNA)  | 375-95-1    | ppb | N.D. | 10  | --   |
| 35 | Perfluorodecane Acid (PFDA)  | 335-76-2    | ppb | N.D. | 15  | --   |
| 36 | Perfluoroundecanoic Acid (PFUnDA)  | 2058-94-8   | ppb | N.D. | 15  | --   |
| 37 | Perfluorododecanoic Acid (PFDoDA)  | 307-55-1    | ppb | N.D. | 15  | --   |
| 38 | Perfluorotridecanoic Acid (PFTrDA)   | 72629-94-8  | ppb | N.D. | 15  | --   |
| 39 | Perfluorotetradecanoic Acid (PFTDA)  | 376-06-7    | ppb | N.D. | 15  | --   |
| 40 | Perfluoro-3,7-dimethyloctanoic Acid (PF-3,7-<br>DMOA)  | 172155-07-6 | ppb | N.D. | 15  | --   |
|    | <b>Sum of No.34-40 C9 – C14 PFCAs and<br/>Their Salts</b>  | --          | ppb | N.D. | --  | 25   |
| 41 | 1H,1H,2H,2H-Perfluorododecylacrylate (10:2<br>FTA) Af  | 17741-60-5  | --  | N/A  | --  | --   |
| 42 | 1H,1H,2H,2H-Perfluorododecyl methacrylate<br>(10:2 FTMA) Af  | 2144-54-9   | --  | N/A  | --  | --   |
| 43 | 1H,1H,2H,2H-Perfluoro-1-dodecanol (10:2<br>FTOH) Ac  | 865-86-1    | ppb | N.D. | 100 | --   |
| 44 | 2H,2H,3H,3H-Perfluoroundecanoic acid (8:3<br>FTCA)   | 34598-33-9  | ppb | N.D. | 10  | --   |
| 45 | 1H,1H,2H,2H-Perfluoro-1-decanol (8:2<br>FTOH) Ac   | 678-39-7    | ppb | N.D. | 100 | --   |
| 46 | 1H,1H,2H,2H-perfluorotetradecan-1-ol (12:2<br>FTOH) Ac   | 39239-77-5  | ppb | N.D. | 100 | --   |
| 47 | 1H,1H,2H,2H-Perfluorododecane sulfonic<br>acid (10:2 FTS)  | 120226-60-0 | ppb | N.D. | 10  | --   |
| 48 | 1H,1H,2H,2H-Perfluorododecyl iodide (10:2<br>FTI)  | 2043-54-1   | ppb | N.D. | 50  | --   |
| 49 | 1H,1H,2H,2H-Perfluorotetradecyl iodide<br>(12:2 FTI)   | 30046-31-2  | ppb | N.D. | 50  | --   |
|    | <b>Sum of No.41-49 C9 – C14 PFCA-related<br/>Substances</b>  | --          | ppb | N.D. | --  | 260  |
| 50 | Perfluorohexane Acid (PFHxA)   | 307-24-4    | ppb | N.D. | 10  | --   |
|    | <b>No.50 PFHxA and Its Salts</b>   | --          | ppb | N.D. | --  | 25   |
| 51 | 1H,1H,2H,2H-Perfluorooctylacrylate (6:2<br>FTA) Af   | 17527-29-6  | --  | N/A  | --  | --   |
| 52 | 1H,1H,2H,2H-Perfluorooctyl methacrylate<br>(6:2 FTMA) Af   | 2144-53-8   | --  | N/A  | --  | --   |
| 53 | 1H,1H,2H,2H-Perfluorooctanesulphonic acid<br>(6:2 FTS)   | 27619-97-2  | ppb | N.D. | 10  | --   |
| 54 | 1H,1H,2H,2H-Perfluoro-1-octanol (6:2<br>FTOH) Ac   | 647-42-7    | ppb | N.D. | 100 | --   |
|    | <b>Sum of No.51-54 PFHxA-related<br/>Substances</b>  | --          | ppb | N.D. | --  | 1000 |
|    | <b>Conclusion</b>  | --          | --  | Pass | --  | --   |

Remarks: MDL = Method detection limit

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N.D. = not detected (Less than MDL)

N/A = Not Applicable

ppb=ug/kg = microgram per kilogram

Ab = PFAS salt compounds were quantified as the corresponding acid.

Ah = The compound will convert to PFOS.

Ac = The concentration(s) of n:2 FTOH(s) reported can originate from free n:2 FTOH, side-chain fluorinated polymers and certain PFAS which are PFHxA-, PFOA- or C9-C14 PFCA-related compounds and which are not stable to alkaline hydrolysis.

Ae = The compounds cannot be determined by EN 17681-1:2025, but would contribute to the amount of PFOA if present in the sample.

Af = The compounds cannot be determined by EN 17681-1:2025, but would contribute to the amount of the related n:2 FTOH if present in the sample.

Ag = The compound can undergo dehydrofluorination when treated with strong alkaline solvents and consequently cannot be correctly determined.

-- END OF THE TEST REPORT --