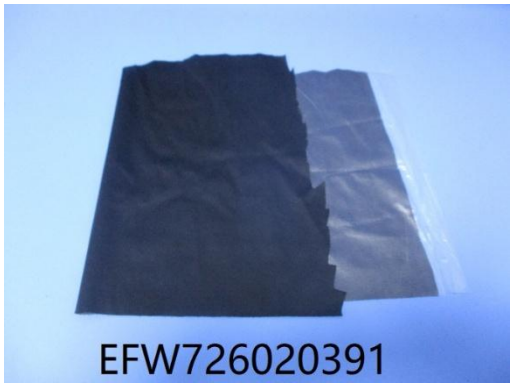
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TEST REPORT

LAB LOCATION:	**Dong Guan**	**ISSUE DATE:**	**Feb 06, 2026**
REPORT NUMBER:	**EFW726020391**	**PAGE:**	**1 of 7**

Applicant	:	ShenZhen Ljvogues Sports Fashion Ltd
Contact Person	:	Ocean Yang
Sample Description	:	A TPU-based waterproof barrier film intended for use as the leak-proof layer in menstrual underwear; designed to prevent liquid strike-through while maintaining flexibility for wearable comfort; claimed and/or verified to be PFAS-free according to the applied test method(s) in this report.
Style Number	:	NA
Color	:	NA
Material Type	:	NA
P. O. / Order No	:	NA
Quantity	:	NA
Age Grade	:	NA
Buyer	:	NA
Supplier	:	NA
Country of Origin	:	NA
Country of Destination	:	NA
Date of Submission	:	Feb 02, 2026
Test Performance Dates	:	Feb 02, 2026 To Feb 06, 2026

Photo of Submitted Sample



For and on behalf of
Eurofins MTS Consumer Product Testing (Dongguan) Co. Ltd

Carol Ke
Operations and R&D director

TEST RESULT SUMMARY	
Test Requested	**Results**
Per- and Polyfluoroalkyl Substances (PFAS)	**PASS**

COMPONENT BREAKDOWN LIST:

Test Item	Component Description
1	White plastic with black fabric

TEST RESULT:

Tested components	Limit	Results (mg/kg or %)	Rating
		RSL	
Per- and Polyfluoroalkyl Substances (PFAS) *Method: EN ISO 23702-1:2023 or EN 17681-1:2025* *ND = Not Detected (Laboratory Reporting Limit = See Appendix 1)*			
1	See Appendix 1	ND	PASS

Appendix 1: PFAS

Compound	CAS No.	Limit	Measurement	
PFOS and its salts			**LCMSMS**	**GCMS**
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	25 µg/kg (Sum)	✓	-
Perfluorooctanesulfonic acid, potassium salt (PFOS- K)	2795-39-3		✓	-
Perfluorooctanesulfonic acid, lithium salt (PFOS-Li)	29457-72-5		✓	-
Perfluorooctanesulfonic acid, ammonium salt (PFOS-NH_4)	29081-56-9		✓	-
Perfluorooctane sulfonate diethanolamine salt (PFOS-$NH(OH)_2$)	70225-14-8		✓	-
Perfluorooctanesulfonic acid, tetraethylammonium salt (PFOS-$N(C_2H_5)_4$)	56773-42-3		✓	-
Didecyldimethyl ammonium perfluorooctane sulfonate (PFOS-$N(C_{10}H_{21})_2(CH_3)_2$)	251099-16-8		✓	-
PFOS related substances			**LCMSMS**	**GCMS**
N-Ethylperfluoro-1-octanesulfonamide (N-Et-FOSA)	4151-50-2	1 mg/kg (Sum)	✓	-
N-Methylperfluoro-1-octanesulfonamide (N-Me- FOSA)	31506-32-8		✓	-
2-(N-Ethylperfluoro-1-octanesulfonamido)-ethanol (N-Et-FOSE)	1691-99-2		✓	-
2-(N-Methylperfluoro-1-octanesulfonamido)- ethanol (N-Me-FOSE)	24448-09-7		✓	-
Perfluoro-1-octanesulfonyl fluoride (POSF)	307-35-7		✓	-
Perfluorooctane sulfonamide (PFOSA)	754-91-6		✓	-
PFOA and its salts			**LCMSMS**	**GCMS**
Perfluorootanoic acid (PFOA)	335-67-1	1 µg/m^2 or 25 µg/kg (Sum)	✓	-
Sodium perfluorooctanoate (PFOA-Na)	335-95-5		✓	-
Potassium perfluorooctanoate (PFOA-K)	2395-00-8		✓	-
Silver perfluorooctanoate (PFOA-Ag)	335-93-3		✓	-
Perfluorooctanoyl fluoride (PFOA-F)	335-66-0		✓	-
Ammonium pentadecafluorooctanoate (APFO)	3825-26-1		✓	-

Compound	CAS No.	Limit	Measurement	
PFOA related substances			**LCMSMS**	**GCMS**
1H,1H,2H,2H -Perfluorodecane sulphonic acid (8:2 FTS)	39108-34-4	1 mg/kg (Sum)	✓	-
Methyl perfluorooctanoate (Me-PFOA)	376-27-2		✓	-
Ethyl perfluorooctanoate (Et-PFOA)	3108-24-5		✓	-
2-Perfluorooctylethanol (8:2 FTOH)	678-39-7		-	✓
1H,1H,2H,2H-Perfluorodecyl acrylate (8:2 FTA)	27905-45-9		-	✓
1H,1H,2H,2H-Perfluorodecyl methacrylate (8:2 FTMA)	1996-88-9		-	✓
2H,2H-Perfluorodecanoic acid (H_2PFDA)	27854-31-5		✓	-
PFHxS and Its Salts			**LCMSMS**	**GCMS**
Perfluorohexane Sulfonic acid (PFHxS)	355-46-4	25 µg/kg (Sum)	✓	-
Perfluorohexane Sulfonic acid, potassium salt (PFHxS-K)	3871-99-6		✓	-
Perfluorohexane Sulfonic acid, lithium salt (PFHxS-Li)	55120-77-9		✓	-
Perfluorohexane Sulfonic acid, ammonium salt (PFHxS-NH_4)	68259-08-5		✓	-
Perfluorohexane Sulfonic acid, sodium salt (PFHxS-Na)	82382-12-5		✓	-
PFHxS-related Substances			**LCMSMS**	**GCMS**
N-Methylperfluoro-1-hexanesulfonamide (N-Me-FHxSA)	68259-15-4	1 mg/kg (Sum)	✓	-
Perfluorohexane sulfonamide (PFHxSA)	41997-13-1		✓	-
C9 – C14 PFCAs and Their Salts			**LCMSMS**	**GCMS**
Perfluorononanoic acid (PFNA, C9-PFCA)	375-95-1	25 µg/kg (Sum)	✓	-
Nonadecafluorodecanoic acid (PFDA, C10-PFCA)	335-76-2		✓	-
Henicosafluoroundecanoic acid (PFUnDA, C11-PFCA)	2058-94-8		✓	-
Tricosafluorododecanoic acid (PFDoDA, C12-PFCA)	307-55-1		✓	-
Pentacosafluorotridecanoic acid (PFTrDA, C13-PFCA)	72629-94-8		✓	-
Heptacosafluorotetradecanoic acid (PFTDA, C14-PFCA)	376-06-7		✓	-
Perfluoro-3-7-dimethyloctanecarboxylate (PF-3,7-DMOA)	172155-07-6		✓	-
C9 – C14 PFCA-related Substances			**LCMSMS**	**GCMS**
1H,1H,2H,2H-Perfluorododecyl acrylate (10:2 FTA)	17741-60-5	260 µg/kg (Sum)	-	✓
1H,1H,2H,2H-Perfluorododecyl methacrylate (10:2 FTMA)	2144-54-9		-	✓
1H,1H,2H,2H-Perfluorododecanol (10:2 FTOH)	865-86-1		-	✓
2H,2H,3H,3H-Perufloroundecanoic acid (H4PFUnA)	34598-33-9		✓	-
Perfluorocylethanol 8:2 (8:2 FTOH)	678-39-7		✓	✓
1H,1H,2H,2H-perfluorotetradecan-1-ol (12:2 FTOH)	39239-77-5		-	✓
1H,1H,2\H,2H-Perfluorododecanesulphonic acid (10:2 FTS)	120226-60-0		✓	-
1H,1H,2H,2H-Perfluorododecyl iodide (10:2 FTI)	2043-54-1		✓	-

Compound	CAS No.	Limit	Measurement	
1H,1H,2H,2H-Perfluorotetradecyl iodide (12:2 FTI)	30046-31-2		✓	-
PFHxA and Its Salts			**LCMSMS**	**GCMS**
Perfluorohexanoic Acid (PFHxA, C6-PFCA)	307-24-4	25 µg/kg (Sum)	-	✓
PFHxA- Related Substances			**LCMSMS**	**GCMS**
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	1 mg/kg (Sum)	-	✓
1H,1H,2H,2H-Perfluorooctanol (6:2 FTOH)	647-42-7		-	✓
1H,1H,2H,2H-Perfluorooctyl acrylate (6:2 FTA)	17527-29-6		-	✓
1H,1H,2H,2H-Perfluorooctyl methacrylate (6:2 FTMA)	2144-53-8		✓	-

****End of Test Report****

NOTE:

Test uncertainties not reported are at client's disposal, for those in which it is possible to evaluate or estimate the test uncertainty. The statement of conformity is based on a 95% coverage probability for the expanded uncertainty of the measured result (guard band):

Rule 1:
For any requirement state to be "Maximum"
PASS - The measured result is below a specification limit minus guard band.
INCONCLUSIVE - The measured result is inside the guard band and below the specification limit and the measured result is above the specification limit but below the specification limit added to the guard band.
FAIL - The measured result is above a specification limit added to the guard band.
DATA – There is no specification limit required which is not possible to state the conformity.

Rule 2:
For any requirement state to be "Minimum"
PASS - The measured result is above a specification limit plus guard band.
INCONCLUSIVE- The measured result is inside the guard band and above the specification limit and the measured result is below the specification limit but above the specification limit added to the guard band.
FAIL - The measured result is below a specification limit minus guard band.
DATA – There is no specification limit required which is not possible to state the conformity.

Rule 3:
For any requirement state to be "a range (Between Upper to Lower specification limit)
PASS - The measured result is within a range of upper and lower acceptance limit.
INCONCLUSIVE- The measured result is inside the guard band at either side of specification limits
FAIL - The measured result is outside a specification limit minus/added to the guard band.
DATA – There is no specification limit required which is not possible to state the conformity.

Rule 4:
For any test based on subjective grading of results by using 9-point scale
PASS - The measured result is above specification limit.
FAIL - The measured result is below a specification limit.
DATA – There is no specification limit required which is not possible to state the conformity.

If there is question or concern regarding the above results, please contact the appropriate lab person below:

General question & concern: Cherry Wang
Customer Service Coordinator
Cherry.Wang@cpt.eurofinscn.com

"Technical & Quality" question & concern: dgInfo@cpt.eurofinscn.com

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