

**TEST REPORT**

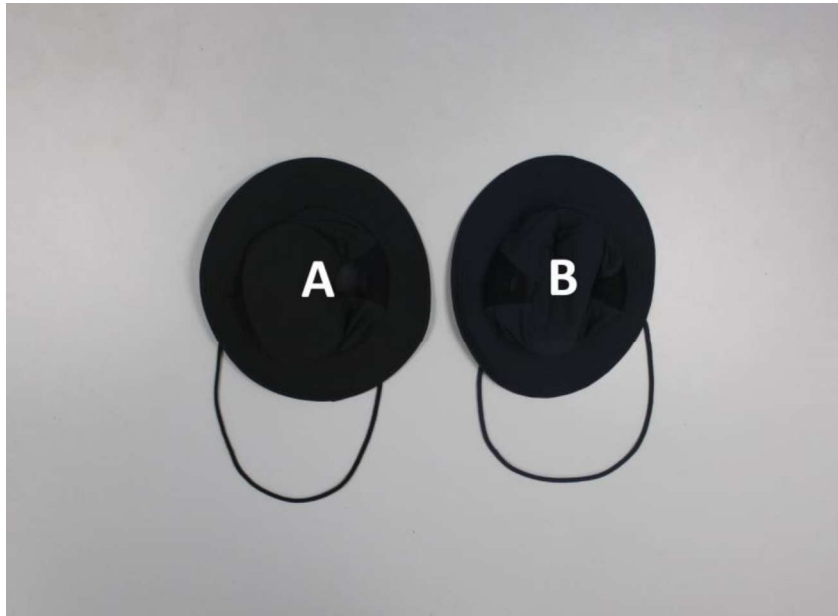
Report Code: AR-26-WH-018841-01



Report No: EFWH26045330-CG-01

Report Issue Date: 30-Apr-2026


**Sample Photo**



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**OVERALL CONCLUSION**
**PASS**

**Applicant** : XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX  
**Address** : XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX,  
 BANGLADESH  
**Contact Person** : XXXXXX  
**Application form no.** :  
**No. of samples** : 01  
**Sample description** : MICROFIBRE SURF HAT  
**Service Level** : Express  
**Buyer name** : Self Reference  
**Country of origin** : BANGLADESH  
**Country of destination** : AUSTRALIA  
**Style** : TKC1006-59-NY/TKC1006-59-BK/TKC1006-61-BK/TKC1006-61-NY  
**PO no.** : PO00023265  
**Color** : BLACK & NAVY  
**Manufacturer** : XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX  
**End Use** : HATS  
**Age group** : N/A  
**Fiber Content** : 95% RECYCLE POLYESTER 5% SPANDEX  
**Remarks** : BUYER: NOTTAGE INTERNATIONAL PTY LTD  
**Provided fiber content** :  
**Test Performance Period** : 28-Apr-2026 to 30-Apr-2026  
  
**Care Instruction Label** : Hand wash. Do not bleach. Line dry in shade. Do not iron.  
 Do not dry clean.

**For and on behalf of**  
**Eurofins Modern Testing Services Bangladesh Limited**



**Dipok Chondra Ghosh**  
**Managing Director**

\*\*\*\*\*Continue To next page\*\*\*\*\*

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**Conclusion:**

Test Property	Sample/Component	Pass	Fail	Data
UV Protective Properties	A	X		
	B	X		
Per- and Polyfluoroalkyl Substances (PFAS)	A	X		
	B	X		

**Remark:**

1. Testing has been performed as per applicant request.
2. Test result and evaluation are only related to tested items and performed method. Detailed information regarding measurement uncertainties are available on request if applicable".

**Component List**

Component No.	Component	Material	Color	Remark
A	Black fabric (shell)			
B	Navy fabric (shell)			

# TEST REPORT

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## TEST SUMMARY:

### UPF Rating Test (AS 4399:2020):

Parameter	Result (AS RECEIVED)	
	SAMPLE-A	SAMPLE-B
Mean Ultraviolet Protection Factor (UPF)	699.53	1657.29
Mean UV-A Transmittance	0.19	0.11
Mean UV-B Transmittance	0.09	0.05
No. of Samples Tested	8	8
UPF Ratings	50+	50+
Protection Category	Excellent protection	Excellent protection
Client Limit	UPF 50+	

Method: AS 4399:2020

Remark: 1. With reference to ASTM D6603, the classification for UV protection textile is as follows:

UPF Range	Protection Category	UPF Ratings
<15	Cannot classified as UV protective	-
15 to 24	Good protection	15, 20
25 to 39	Very Good protection	25, 30, 35
40 to 50, 50+	Excellent protection	40, 45, 50, 50+

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### Per- And Polyfluoroalkyl Substances (PFAS)

Tested Component	Limit	Result	Rating
Test Method: EN ISO 23702-1:2023 (Leather), EN ISO 23702-1:2023 using THF and methanol (Polymers), EN 17681-1:2025 (Textiles, synthetic coated fabrics, excluding leathers and polymers); analysis by LC-MSMS and GC-MS. Results reported in µg/kg (microgram per kilogram), mg/kg (milligram per kilogram), ND = Not Detected (Laboratory Reporting Limit = 100 µg/kg (for 6:2 FTOH, 8:2 FTOH, 10:2 FTOH and 12:2 FTOH each); 10 µg/kg (for PFOS and its salts, PFOA and its salts, PFHxS and its salts, C9-C14 PFCA and its salts, PFHxA and its salts); 25 µg/kg for others)			
A	See <a href="#">Appendix 1</a>	ND	PASS
B		ND	PASS

### Appendix 1: PFAS

**Note:** This list is a subset of PFAS and is not exhaustive. Findings would indicate intentional use or significant contamination.

Compound	CAS No.	Limit
<b>PFOS and its salts</b>		
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 <sub>4</sub> )	29081-56-9	
Perfluorooctane sulfonate diethanolamine salt (PFOS-NH(OH) <sub>2</sub> )	70225-14-8	
Perfluorooctanesulfonic acid, tetraethylammonium salt (PFOS-N(C <sub>2</sub> H <sub>5</sub> ) <sub>4</sub> )	56773-42-3	
Didecylmethyl ammonium perfluorooctane sulfonate (PFOS-N(C <sub>10</sub> H <sub>21</sub> ) <sub>2</sub> (CH <sub>3</sub> ) <sub>2</sub> )	251099-16-8	
<b>PFOS related substances</b>		
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	
<b>PFOA and its salts</b>		
Perfluorooctanoic acid (PFOA)	335-67-1	25 µg/kg (Sum)

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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	
<b>PFOA related substances</b>		
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 (H2PFDA)	27854-31-5	
<b>PFHxS and Its Salts</b>		
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-NH4)	68259-08-5	
Perfluorohexane Sulfonic acid, sodium salt (PFHxS-Na)	82382-12-5	
<b>PFHxS-related Substances</b>		
N-Methylperfluoro-1-hexanesulfonamide (N-Me-FHxSA)	68259-15-4	1 mg/kg (Sum)
Perfluorohexane sulfonamide (PFHxSA)	41997-13-1	

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**NOTE:**

If there is question or concern regarding the above results, please contact us via email [zahirul.islam@xoin.eurofinsasia.com](mailto:zahirul.islam@xoin.eurofinsasia.com)

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