Australian Radiation Protection and Nuclear Safety Agency



Ultraviolet Protection Factor Summary

Analysed for: Bedhead Pty Ltd 'Bedhead Hats'

ARPANSA Reference	Sample Description	Speci- mens Tested	Mean UVB	Mean UVA	Mean UPF	Std. Dev	Rated UPF	UPF Classification
UVR_25-0099-1	Blanc 100% Linen 'Vacationer' Ladies Hat-Finley Stripe, HE-LD174	8	0.014	0.012	73	14.0	50+	Excellent Protection
UVR_25-0099-2	Blanc 100% Linen 'Traveller' Bucket Hat-Finley Stripe, HE-FB223	8	0.008	0.009	118	26.2	50+	Excellent Protection
UVR_25-0099-3	Maize 100% Linen 'Teddy' Flap Hat-Maize/Flax, HE-FT222 bedhead hats	8	0.007	0.011	138	42.4	50+	Excellent [®] Protection
UVR_25-0099-4	Blanc 100% Linen 'Lounger' Flap Hat-Finley Stripe, HE-FH228	8	0.011	0.009	106	46.8	50+	Excellent Protection
UVR_25-0099-5	Blanc 100% Linen 'Seeker' Sun Bonnet-Finley Stripe Fabric, Double Layer, with Lining, HE-BN291	8	0.010	0.009	97	8.8	50+	Excellent Protection
t UVR_25-0099-6	Flax 100% Linen 'Searcher' Ruffle Sun Bonnet-Daisy Print Fabric, Double Layer, with Lining, HE-BR344	8	0.007at	ead s 0.008	138	23.0	50+	Excellent hat Protection
UVR_25-0099-7	Flax 100% Linen 'Wanderer' Panelled Bucket-Daisy Print, HE-PB347	8	0.006	0.007	154	26.1	50+	Excellent Protection
UVR_25-0099-8	Maize 100% Linen 'Wildflower' Panelled Bucket-Maize/Flax, HE-PB352	8	0.005	0.007	212	66.3 bedh	50+ ead	Excellent Protection
UVR_25-0099-9	Blanc 100% Linen 'Explorer' Classic Bucket-Finley Stripe, HE-CB230	8	0.013	0.011	81	14.9	50+	Excellent Protection
UVR_25-0099-10	Blanc 100% Linen 'Voyager' Wide Brim Visor-Finley Stripe Fabric, Double Layer, with Lining, HE-VS224	8	0.011	0.010	85	11.6	50+	Excellent Protection
UVR_25-0099-11	Maize 100% Linen 'Wayfarer' Wide Brim Sun Hat-Maize/Flax, HE-WL351 hats	8	0.006 hat	0.009	159	40.1	50+	Excellentedh Protection ha

This summary is not an official ARPANSA test report

bedhead



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bedhead



Australian Radiation Protection and Nuclear Safety Agency



Ultraviolet Protection Factor Report

Analysed for: Bedhead Pty Ltd 'Bedhead Hats' ARPANSA Reference: UVR 25-0099-1

Sample Information

Description:

Sample Weight: N/A Blanc 100% Linen 'Vacationer' Ladies Hat-Finley Stripe, HE-LD174

Protection Factor Results

Instrumentation: Labsphere UV-1000F s/n 5239

UV Transmittance Characteristics

AS4399-2020

Analysis Date: 3 Apr 2025



Review of Results

This hat is considered to be effective as protection against solar ultraviolet radiation (UVR) as it has an ultraviolet protection factor (UPF) greater than 15. A Rated UPF of 50+ qualifies this hat for a UPF classification of Excellent protection. The Rated UPF of 50+ may be quoted for advertising purposes.

When evaluating a hat, each part (brim, crown, etc) is tested and the overall rating for the hat is based on the lowest rating component.

This test report provides UPF results for the material tested. This report does not consider the design or body coverage of the product. Headwear may not provide protection against reflected or scattered solar ultraviolet radiation.

Disclaimer

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3 Apr 2025 Anindita

Anindita Das - Technician

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Lydiawati Tjong

ARPANSA-RPT-0375

Lydia Tjong - Approved Signatory

7 Apr 2025

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Material Sample

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NATA Accredited Laboratory Number: 14442

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Australian Radiation Protection and Nuclear Safety Agency



Ultraviolet Protection Factor Report

Blanc 100% Linen 'Traveller' Bucket Hat-Finley Stripe, HE-FB223

Analysed for: Bedhead Pty Ltd 'Bedhead Hats' ARPANSA Reference: UVR 25-0099-2 AS4399:2020

Analysis Date: 3 Apr 2025

Sample Information

Sample Weight: N/A

Description:

edh**Instrumentation:** Labsphere UV-1000F s/n 5239

Protection Factor Results

UV Transmittance Characteristics



Review of Results

This hat is considered to be effective as protection against solar ultraviolet radiation (UVR) as it has an ultraviolet protection factor (UPF) greater than 15. A Rated UPF of 50+ qualifies this hat for a UPF classification of Excellent protection. The Rated UPF of 50+ may be quoted for advertising purposes.

When evaluating a hat, each part (brim, crown, etc) is tested and the overall rating for the hat is based on the lowest rating component.

This test report provides UPF results for the material tested. This report does not consider the design or body coverage of the product. Headwear may not provide protection against reflected or scattered solar ultraviolet radiation.

bedhea Disclaimer

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3 Apr 2025 Anindita

Anindita Das - Technician

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Material Sample

Australian Radiation Protection and Nuclear Safety Agency



Ultraviolet Protection Factor Report

Analysed for: Bedhead Pty Ltd 'Bedhead Hats' ARPANSA Reference: UVR 25-0099-3

N/A

AS4399:2020

Analysis Date: 3 Apr 2025

Sample Information

Sample Weight:

Description:

Instrumentation: Labsphere UV-1000F s/n 5239

Maize 100% Linen 'Teddy' Flap Hat-Maize/Flax, HE-FT222

Protection Factor Results

UV Transmittance Characteristics



Review of Results

This hat is considered to be effective as protection against solar ultraviolet radiation (UVR) as it has an ultraviolet protection factor (UPF) greater than 15. A Rated UPF of 50+ qualifies this hat for a UPF classification of Excellent protection. The Rated UPF of 50+ may be quoted for advertising purposes.

When evaluating a hat, each part (brim, crown, etc) is tested and the overall rating for the hat is based on the lowest rating component.

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Lydia Tjong - Approved Signatory

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Material Sample

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Corporate Site Number: 22022

NATA Accredited Laboratory Number: 14442

Australian Radiation Protection and Nuclear Safety Agency

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Ultraviolet Protection Factor Report

Analysed for: Bedhead Pty Ltd 'Bedhead Hats' ARPANSA Reference: UVR 25-0099-4

N/A

AS4399-2020

Analysis Date: 3 Apr 2025

Sample Information

Sample Weight: **Description:**

Instrumentation: Labsphere UV-1000F s/n 5239

Blanc 100% Linen 'Lounger' Flap Hat-Finley Stripe, HE-FH228

Protection Factor Results

UV Transmittance Characteristics 8 Number of Specimens Analysed: Average Transmitance vs. Wavelength (nanom 0.009 (0.9%) Mean UVA Transmittance: 0.011 (Mean UVB Transmittance: 1.1%) Mean UPF: 106 0.0 **Standard Deviation:** 46.8 0.00 Rated UPF: 50 +0.008 Excellent Protection **UPF Classification:** 0.00 XVAR 3 80 30

Review of Results

This hat is considered to be effective as protection against solar ultraviolet radiation (UVR) as it has an ultraviolet protection factor (UPF) greater than 15. A Rated UPF of 50+ qualifies this hat for a UPF classification of Excellent protection. The Rated UPF of 50+ may be quoted for advertising purposes.

When evaluating a hat, each part (brim, crown, etc) is tested and the overall rating for the hat is based on the lowest rating component.

This test report provides UPF results for the material tested. This report does not consider the design or body coverage of the product. Headwear may not provide protection against reflected or scattered solar ultraviolet radiation.

Disclaimer

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Anindita Das - Technician

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7 Apr 2025

Lydiawati Tjong

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Material Sample

Australian Radiation Protection and Nuclear Safety Agency



Ultraviolet Protection Factor Report

Analysed for: Bedhead Pty Ltd 'Bedhead Hats'

ARPANSA Reference: UVR_25-0099-5

Sample Information

Sample Weight: N/A

Description:

Instrumentation: Labsphere UV-1000F s/n 5239

Blanc 100% Linen 'Seeker' Sun Bonnet-Finley Stripe Fabric, Double Layer, with Lining, HE-BN291

Protection Factor Results

UV Transmittance Characteristics

AS4399-2020

Analysis Date: 3 Apr 2025



Review of Results

This fabric, as a double layer, is considered to be effective as protection against solar ultraviolet radiation (UVR) as it has an ultraviolet protection factor (UPF) greater than 15. A Rated UPF of 50+ qualifies this fabric, as a double layer, for a UPF classification of Excellent protection. The Rated UPF of 50+ may be quoted for advertising purposes.

Weight is not reported for double layer testing.

This test report provides UPF results for the material tested. This report does not consider the design or body coverage of the product.

Disclaimer

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This report was prepared using the testing method from AS 4399, Appendix A using the solar spectrum described in Appendix B. Note 1. Unless otherwise stated the sample was tested in unstretched, dry condition. Any deviation from the standard method is noted in the body of the report. The results in this report are applicable to the sample tested and may not apply to other batches of the same material, other colours or similar materials. Testing was performed within a temperature range of 20±5 degrees celcius and a humidity range of 50±20% relative humidity. It is a condition of the provision of these test results that you do not use the name of the Australian Radiation Protection and Nuclear Safety Agency (ARPANSA) or the Commonwealth of Australia, or any words, marks or devices which without the prior written approval of ARPANSA.

3 Apr 2025 Anindita

Anindita Das - Technician

7 Apr 2025 Lydiawati Tjong

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Lydia Tjong - Approved Signatory

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Material Sample

Australian Radiation Protection and Nuclear Safety Agency



Ultraviolet Protection Factor Report

Analysed for: Bedhead Pty Ltd 'Bedhead Hats'

ARPANSA Reference: UVR_25-0099-6

Sample Information

Sample Weight: N/A beach Instrumentation: Labsphere UV-1000F s/n 5239

Description: Flax 100% Linen 'Searcher' Ruffle Sun Bonnet-Daisy Print Fabric, Double Layer, with Lining, HE-BR344

Protection Factor Results

UV Transmittance Characteristics

AS4399-2020

Analysis Date: 3 Apr 2025



Review of Results

This fabric, as a double layer, is considered to be effective as protection against solar ultraviolet radiation (UVR) as it has an ultraviolet protection factor (UPF) greater than 15. A Rated UPF of 50+ qualifies this fabric, as a double layer, for a UPF classification of Excellent protection. The Rated UPF of 50+ may be quoted for advertising purposes.

Weight is not reported for double layer testing.

This test report provides UPF results for the material tested. This report does not consider the design or body coverage of the product.

Disclaimer

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Anindita Das - Technician

7 Apr 2025 Lydiawati Tjong



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Australian Radiation Protection and Nuclear Safety Agency



Ultraviolet Protection Factor Report

Analysed for: Bedhead Pty Ltd 'Bedhead Hats' ARPANSA Reference: UVR 25-0099-7

Sample Information

N/A Sample Weight:

Description:

Instrumentation: Labsphere UV-1000F s/n 5239

Flax 100% Linen 'Wanderer' Panelled Bucket-Daisy Print, HE-PB347

Protection Factor Results

UV Transmittance Characteristics

AS4399-2020

Analysis Date: 3 Apr 2025



Review of Results

This hat is considered to be effective as protection against solar ultraviolet radiation (UVR) as it has an ultraviolet protection factor (UPF) greater than 15. A Rated UPF of 50+ qualifies this hat for a UPF classification of Excellent protection. The Rated UPF of 50+ may be quoted for advertising purposes.

When evaluating a hat, each part (brim, crown, etc) is tested and the overall rating for the hat is based on the lowest rating component.

This test report provides UPF results for the material tested. This report does not consider the design or body coverage of the product. Headwear may not provide protection against reflected or scattered solar ultraviolet radiation.

Disclaimer

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3 Apr 2025 Anindita

Anindita Das - Technician

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Lydia Tjong - Approved Signatory

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Material Sample

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Australian Radiation Protection and Nuclear Safety Agency



Ultraviolet Protection Factor Report

Analysed for: Bedhead Pty Ltd 'Bedhead Hats' ARPANSA Reference: UVR 25-0099-8

AS4399-2020

Analysis Date: 3 Apr 2025

Sample Information

Instrumentation: Labsphere UV-1000F s/n 5239 Sample Weight: N/A

Description:

Maize 100% Linen 'Wildflower' Panelled Bucket-Maize/Flax, HE-PB352

Protection Factor Results

UV Transmittance Characteristics



Review of Results

This hat is considered to be effective as protection against solar ultraviolet radiation (UVR) as it has an ultraviolet protection factor (UPF) greater than 15. A Rated UPF of 50+ qualifies this hat for a UPF classification of Excellent protection. The Rated UPF of 50+ may be quoted for advertising purposes.

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Anindita Das - Technician

Lydiawati Tjong

Lydia Tjong - Approved Signatory

ARPANSA-RPT-0375

7 Apr 2025

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Material Sample

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NATA Accredited Laboratory Number: 14442

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Australian Radiation Protection and Nuclear Safety Agency

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Ultraviolet Protection Factor Report

Analysed for: Bedhead Pty Ltd 'Bedhead Hats' ARPANSA Reference: UVR 25-0099-9

Sample Information

Sample Weight: N/A

Description:

Instrumentation: Labsphere UV-1000F s/n 5239

Blanc 100% Linen 'Explorer' Classic Bucket-Finley Stripe, HE-CB230

Protection Factor Results

UV Transmittance Characteristics

AS4399-2020

Analysis Date: 3 Apr 2025



Review of Results

This hat is considered to be effective as protection against solar ultraviolet radiation (UVR) as it has an ultraviolet protection factor (UPF) greater than 15. A Rated UPF of 50+ qualifies this hat for a UPF classification of Excellent protection. The Rated UPF of 50+ may be quoted for advertising purposes.

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3 Apr 2025 Anindita

Anindita Das - Technician

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Australian Radiation Protection and Nuclear Safety Agency



Ultraviolet Protection Factor Report

Analysed for: Bedhead Pty Ltd 'Bedhead Hats' ARPANSA Reference: UVR 25-0099-10

AS4399-2020

Analysis Date: 7 Apr 2025

Sample Information

Instrumentation: Labsphere UV-1000F s/n 5239 Sample Weight: N/A

Description: Blanc 100% Linen 'Voyager' Wide Brim Visor-Finley Stripe Fabric, Double Layer, with Lining, HE-VS224

Protection Factor Results

UV Transmittance Characteristics



Review of Results

This fabric, as a double layer, is considered to be effective as protection against solar ultraviolet radiation (UVR) as it has an ultraviolet protection factor (UPF) greater than 15. A Rated UPF of 50+ qualifies this fabric, as a double layer, for a UPF classification of Excellent protection. The Rated UPF of 50+ may be quoted for advertising purposes.

Weight is not reported for double layer testing.

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7 Apr 2025 Anindita

Anindita Das - Technician

7 Apr 2025 Lydiawati Tjong

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ARPANSA-RPT-0375

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Australian Radiation Protection and Nuclear Safety Agency



Ultraviolet Protection Factor Report

Analysed for: Bedhead Pty Ltd 'Bedhead Hats' ARPANSA Reference: UVR 25-0099-11

Sample Information

Instrumentation: Labsphere UV-1000F s/n 5239 Sample Weight: N/A

Maize 100% Linen 'Wayfarer' Wide Brim Sun Hat-Maize/Flax, HE-WL351 **Description:**

Protection Factor Results

UV Transmittance Characteristics

AS4399-2020

Analysis Date: 3 Apr 2025



Review of Results

This hat is considered to be effective as protection against solar ultraviolet radiation (UVR) as it has an ultraviolet protection factor (UPF) greater than 15. A Rated UPF of 50+ qualifies this hat for a UPF classification of Excellent protection. The Rated UPF of 50+ may be quoted for advertising purposes.

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3 Apr 2025 Anindita

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Ultraviolet Protection Factor Summary

Analysed for: Bedhead Pty Ltd

30/01/2020

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ARPANSA Reference	Sample Description	Speci- mens Tested	Mean, UVB	Mean UVA	Mean UPF	Std. Dev	Rated UPF	Protection Category
12794-1	Blanc 100% Linen Ladies Hat- Finley Stripe, HE-LD174	8	0.003	0.003	370	160	50+	Excellent
12794-2	Maize 100% Linen Ladies Hat- Maize/Gingham, HE-LD174	8	0.002	0.003	630	310	50+	Excellent
12794-3	Rosa 100% Linen Legionnaire Flap Hat- Rosa/Gingham, HE-FH170	8	0.006	0.007	170	42	50+	Excellent
12794-4	Steele 100% Linen Legionnaire Flap Hat- Steele/Crew, HE- FH170	8	0.005	0.007	220	60	50+	Excellent
12794-5	Blanc 100% Linen Sun Bonnet- Finley Stripe, HE-BN173	8	0.005	0.004	190	43	50+	Excellent
12794-6	Indigo 100% Linen Sun Bonnet- Indigo/Paisley, HE-BN173	8	0.003	0.004	340	74	50+	Excellent
12794-7	Rosa 100% Linen Panelled Bucket- Rosa/Gingham, HE- PB171	8	0.003	0.004	340	160	50+	Excellent
12794-8	Flax 100% Linen Panelled Bucket- Flax/Nessie, HE-PB171	8	0,005	0.009	300	190	50+	Excellent
12794-9	Olive 100% Linen Classic Bucket- Olive/Mallee, HE-CB172	8	0.003	0.004	470	290	50+	Excellent
12794-10	Ebony 100% Linen Classic Bucket- Ebony/Zuri, HE-CB172	8	0.001	0.002	920	600	50+	Excellent

bedhead

bedhead

Anindita Das - Technician

hydiawati Tjong

31/01/2020

bedhead

Lydia Tjong - Approved Signatory

It is a condition of the provision of these test results that you do not use the name of ARPANSA or the Commonwealth of Australia, or any words, marks or devices which may imply a connection with ARPANSA or the Commonwealth of Australia, in connection with the promotion or sale of your products, unless ARPANSA has given express written authority to do so. This test report may only be reproduced in full and without alteration.

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30/01/2020

Web: http://www.arpansa.gov.au/uv

619 Lower Plenty Road YALLAMBIE VIC 3085 Phone +61 3 9433 2211



AS/NZS 4399: 2017

Analysed for: Bedhead Pty Ltd ARPANSA Reference: 12794-1

Sample Information

Australian Government

Australian Radiation Protection and Nuclear Safety Agency

Customer Reference: 2706

arpansa

Sample Type:	Linen	bedhead hats	Sample Colour:	Blanc	bedhead [®] hats	
Analysis Date:	30/01/2020	THE STATES	Instrumentation:	Labsphere UV-1000F	s/n 5239	
Description:	Blanc 100% Linen L	adies Hat- Finley Stri.	ipe, HE-LD174			

Protection Factor Results	®	UV Transmittance Characteristics
Number of Specimens Analysed:	8 2,	
Mean UVB Transmittance:	0.003 (0	0.3%)
Mean UVA Transmittance:	0.003 (0	D.3%) _{0.008}
Mean UPF:	370	8
Standard Deviation:	hats	under 1
Rated UPF:	50+	
Protection Category:	Excellent	H CLOSE
Statistical Uncertainties		0.002
Total Measurement Uncertainty:	200	bedhead
Coverage Factor (99% confidence):	3.50	290 300 310 320 330 340 350 360 370 380 390 400
The maximum instrumental contribution to result is 6.5% of the highest reportable val	the uncertainty in tue at the 95% confi	the UPF Wavelength (nanometres) idence level.

Review of Results

This hat is considered to be effective as protection against solar ultraviolet radiation (UVR) as it has an ultraviolet protection factor (UPF) greater than 15. A UPF rating of 50+ qualifies this hat for the UPF Excellent protection category. The assigned UPF rating of 50+ may be quoted for advertising purposes.

When evaluating a hat, each part (brim, crown, etc) is tested and the overall rating for the hat is based on the lowest rating component.

Disclaimer				Material Sample
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Anindita Das - Technician head	Lydia	Tjong - Approved Signa	® itory	dhead Page 1 of 1
NATA Accredited La Number: 144	Accredited for co aboratory The results of the included in this d Australian/nation	Impliance with ISO/IEC 17025 - Testing. a tests, calibrations and/or measurements locument are traceable to la standards of measurement.	619 Lower Plenty Road Yallambie, Victoria 3085 Phone: +61 3 9433 2309 E-mail: upf-testing@arp Web: http://www.arpan	ansa.gov.au sa.gov.au/uv bedhead

AS/NZS 4399: 2017

Analysed for: Bedhead Pty Ltd ARPANSA Reference: 12794-2

Sample Information

Australian Government

Australian Radiation Protection and Nuclear Safety Agency

Customer Reference: 2706

arpansa

Sample Type:	Linen	bedhead hats	Sample Colour:	Maize	bedhead hats
Analysis Date:	30/01/2020	1111	Instrumentation:	Labsphere UV-100	00F s/n 5239
Description:	Maize 100% Liner	i Ladies Hat- Maize/Gi	ngham, HE-LD174		

Protection Factor Results	® ~ ~	UV Transmittance Characteristics
Number of Specimens Analysed:	8	hats
Mean UVB Transmittance:	0.002 (0.2%)
Mean UVA Transmittance:	0.003 (0.3%) 0.008
Mean UPF:	630	g.
Standard Deviation:	edhead 5 310	0.006
Rated UPF:	50+	
Protection Category:	Excellent	
Statistical Uncertainties		0.002
Total Measurement Uncertainty:	380	boom
Coverage Factor (99% confidence):	3.50	290 300 310 320 330 340 350 360 370 380 390 400
The maximum instrumental contribution to result is 6.5% of the highest reportable values	the uncertainty ir ie at the 95% cor	n the UPF Wavelength (nanometres) nfidence level.

Review of Results

This hat is considered to be effective as protection against solar ultraviolet radiation (UVR) as it has an ultraviolet protection factor (UPF) greater than 15. A UPF rating of 50+ qualifies this hat for the UPF Excellent protection category. The assigned UPF rating of 50+ may be quoted for advertising purposes.

When evaluating a hat, each part (brim, crown, etc) is tested and the overall rating for the hat is based on the lowest rating component.

Disclaimer			Material Sample
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Anindita Das - Technician head	Lydia Tjong - Approved Signat	be be	dhead Page 1 of 1
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AS/NZS 4399: 2017

Analysed for: Bedhead Pty Ltd ARPANSA Reference: 12794-3

Sample Information

Australian Government

Australian Radiation Protection and Nuclear Safety Agency

Customer Reference: 2706

arpansa

Sample Type:	Linen	bedhead hats	Sample Colour:	Rosa	edhead hats	1 1
Analysis Date:	30/01/2020	1111	Instrumentation:	Labsphere UV-1000F s/n 5	5239	
Description:	Rosa 100% Linen L	egionnai	re Flap Hat- Rosa/Gingham, HE	-FH170		

Protection Factor Results	®	UV Transmittance Characteristics
Number of Specimens Analysed:	8 -	hats
Mean UVB Transmittance:	0.006 (0.6%) 0.010
Mean UVA Transmittance:	0.007 (0.7%) 0.008
Mean UPF:	170	8
Standard Deviation:	edhead 42	0.006 bed fait
Rated UPF:	50+	
Protection Category:	Excellent	
Statistical Uncertainties		0.002
Total Measurement Uncertainty:	52	
Coverage Factor (99% confidence):	3.50	290 300 310 320 330 340 350 360 370 380 390 400
The maximum instrumental contribution to	the uncertainty in the at the 95% conf	n the UPF Wavelength (nanometres)

Review of Results

This hat is considered to be effective as protection against solar ultraviolet radiation (UVR) as it has an ultraviolet protection factor (UPF) greater than 15. A UPF rating of 50+ qualifies this hat for the UPF Excellent protection category. The assigned UPF rating of 50+ may be quoted for advertising purposes.

When evaluating a hat, each part (brim, crown, etc) is tested and the overall rating for the hat is based on the lowest rating component.

Disclaimer			Material Sample
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Anindita Das - Technician head	Lydia Tjong - /	Approved Signatory	bedhead Page 1 of 1
NATA Accredited Laborate Number: 14442	Accredited for compliance with I The results of the tests, calibrati included in this document are tra Australian/national standards of bedhead	SO/IEC 17025 - Testing. ons and/or measurements aceable to measurement.	enty Road toria 3085 9433 2309 esting@arpansa.gov.au www.arpansa.gov.au/uv

AS/NZS 4399: 2017

Analysed for: Bedhead Pty Ltd ARPANSA Reference: 12794-4

Sample Information

Australian Government

Australian Radiation Protection and Nuclear Safety Agency

Customer Reference: 2706

arpansa

Sample Type: Li	inen	bedhead hats	Sample Colour:	Steele	bedhead hats	
Analysis Date: 3	0/01/2020		Instrumentation:	Labsphere UV-1000F s/r	າ 5239	
Description: S	teele 100% Linen L	egionnaire Flap Hat-	- Steele/Crew, HE-F	H170		

Protection Factor Results	©	UV Transmittance Characteristics
Number of Specimens Analysed:	8	hats BCUICAU
Mean UVB Transmittance:	0.005 (0.5%)
Mean UVA Transmittance:	0.007 (0.7%) _{0.008}
Mean UPF:	220	9
Standard Deviation:	edhead 60	bats
Rated UPF:	50+	
Protection Category:	Excellent	
Statistical Uncertainties		0.002
Total Measurement Uncertainty:	75	B bedhead
Coverage Factor (99% confidence):	3.50	290 300 310 320 330 340 350 360 370 380 390 400
The maximum instrumental contribution to t	the uncertainty in the other the optimized in the other	the UPF Wavelength (nanometres)

Review of Results

This hat is considered to be effective as protection against solar ultraviolet radiation (UVR) as it has an ultraviolet protection factor (UPF) greater than 15. A UPF rating of 50+ qualifies this hat for the UPF Excellent protection category. The assigned UPF rating of 50+ may be quoted for advertising purposes.

When evaluating a hat, each part (brim, crown, etc) is tested and the overall rating for the hat is based on the lowest rating component.

Disclaimer					Material S	Sample
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NATA Accrediter Number:	d Laboratory The n incluc 14442 Austr bedhead	edited for compliance with ISC results of the tests, calibration ded in this document are tracc alian/national standards of m	D/IEC 17025 - Testing. is and/or measurements eable to easurement.	619 Lower Plenty Road Yallambie, Victoria 3085 Phone: +61 3 9433 230 E-mail: upf-testing@ar Web: http://www.arpar	9 9 pansa.gov.au nsa.gov.au/w	bedhead

AS/NZS 4399: 2017

Analysed for: Bedhead Pty Ltd ARPANSA Reference: 12794-5

Sample Information

Australian Government

Australian Radiation Protection and Nuclear Safety Agency

Customer Reference: 2706

arpansa

Sample Type:	Linen	bedhead hats	Sample Colour:	Blanc	bedhead [®] hats
Analysis Date:	30/01/2020	TIT N	Instrumentation:	Labsphere UV-1000F	[:] s/n 5239
Description:	Blanc 100% Linen S	Sun Bonnet- Finley St	ripe, HE-BN173		

Protection Factor Results	B ~ ~	bedhead	UV Transmittance Characteristics
Number of Specimens Analysed:	8	hats	
Mean UVB Transmittance:	0.005 (0.5%)	0.010
Mean UVA Transmittance:	0.004(0.4%)	0.008
Mean UPF:	190	q	
Standard Deviation:	dhead 43	ittanc	0.006 better
Rated UPF:	50+	usu	0.004
Protection Category:	Excellent	Tra	
Statistical Uncertainties			0.002
Total Measurement Uncertainty:	53	bo	® bedbead
Coverage Factor (99% confidence):	3.50	IIE	290 300 310 320 330 340 350 360 370 380 390 400
The maximum instrumental contribution to the result is 6.5% of the highest reportable value	ne uncertainty ir at the 95% cor	n the UP Infidence	F Wavelength (nanometres)

Review of Results

This hat is considered to be effective as protection against solar ultraviolet radiation (UVR) as it has an ultraviolet protection factor (UPF) greater than 15. A UPF rating of 50+ qualifies this hat for the UPF Excellent protection category. The assigned UPF rating of 50+ may be quoted for advertising purposes.

When evaluating a hat, each part (brim, crown, etc) is tested and the overall rating for the hat is based on the lowest rating component.

Disclaimer			Material Sample
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Anindita Das - Technician head	Lydia Tjong -	Approved Signatory	bedhead Page 1 of 1 hats
NATA Accredited Labora Number: 14442	Accredited for compliance with The results of the fests, calibra included in this document are t Australian/national standards of bedhead	ISO/IEC 17025 - Testing. tions and/or measurements raceable to of measurement. 619 Lower Plenty R Yallambie, Victoria : Phone: +61 3 9433 E-mail: upf-testing; Web: http://www.a	oad 3085 2309 @arpansa.gov.au arpansa.gov.au/uv

AS/NZS 4399: 2017

Analysed for: Bedhead Pty Ltd ARPANSA Reference: 12794-6

Sample Information

Australian Government

Australian Radiation Protection and Nuclear Safety Agency

Customer Reference: 2706

arpansa

Sample Type:	Linen	bedhead hats	Sample Colour:	Indigo	bedhead hats
Analysis Date:	30/01/2020	THE STREET	Instrumentation:	Labsphere UV-1000	F s/n 5239
Description:	Indigo 100% Linen S	Sun Bonnet- Indigo/Pa	aisley, HE-BN173		

Protection Factor Results	® ``	UV Transmittance Characteristics
Number of Specimens Analysed:	8	hats
Mean UVB Transmittance:	0.003 (0.3%)
Mean UVA Transmittance:	0.004(0.4%) 0.008
Mean UPF:	340	8
Standard Deviation:	edhead 74	0.006 bednead
Rated UPF:	50+	
Protection Category:	Excellent	E
Statistical Uncertainties		0.002
Total Measurement Uncertainty:	92	
Coverage Factor (99% confidence):	3.50	290 300 310 320 330 340 350 360 370 380 390 400
The maximum instrumental contribution to t	the uncertainty in	n the UPF Wavelength (nanometres)

Review of Results

This hat is considered to be effective as protection against solar ultraviolet radiation (UVR) as it has an ultraviolet protection factor (UPF) greater than 15. A UPF rating of 50+ qualifies this hat for the UPF Excellent protection category. The assigned UPF rating of 50+ may be quoted for advertising purposes.

When evaluating a hat, each part (brim, crown, etc) is tested and the overall rating for the hat is based on the lowest rating component.

Disclaimer				Material Sample
This report was prepared usi otherwise stated the sample to other batches of the same and a humidity range of 50+2 It is a condition of the provis (ARPANSA) or the Commony of Australia, in connection w reproduced in full and without Admindita Das - Tec	ng the testing method from AS/N2S was tested in unstretched, dry condi material, other colours or similar ma 20% relative humidity. ion of these test results that you do n vealth of Australia, or any words, man ith the promotion or sale of your pro- ut alteration. 30/01/20 hnician head hats	1399, Appendix A using the solar spectrum of tion. The results in this report are applicable terials. Testing was performed within a temp not use the name of the Australian Radiation ks or devices which may imply a connection ducts without the prior written approval of A Docume 20 Aydiawati Tjory Lydia Tjong - Approve	described in Appendix B. Unless to the sample tested and may not apply berature range of 20+5 degrees celcius in Protection and Nuclear Safety Agency in with ARPANSA or the Commonwealth IRPANSA. This test report may only be int ID: ARPANSA-RPT-0375[2] 26/11/2018 31/01/2020 ed Signatory	adhead hats
WORLD RECOGNIZE	ATA Accredited Laboratory Number: 14442	Accredited for compliance with ISO/IEC 1702 The results of the tests, calibrations and/or me included in this document are traceable to Australian/national standards of measuremen	5 - Testing. easurements t. bedhead	59 pansa.gov.au nsa.gov.au/uv

AS/NZS 4399: 2017

Analysed for: Bedhead Pty Ltd ARPANSA Reference: 12794-7

Sample Information

Australian Government

Australian Radiation Protection and Nuclear Safety Agency

Customer Reference: 2706

arpansa

Sample Type: Linen	bedhead hats	Sample Colour: Rosa	bedhead hats
Analysis Date: 30/01/2020	THE STATE	Instrumentation: Labsphere	UV-1000F s/n 5239
Description: Rosa 100% Li	inen Panelled Bucket	- Rosa/Gingham, HE-PB171	

Protection Factor Results	0	bedhead	UV Transmittance Characte	eristics
Number of Specimens Analysed:	8	hats	Dedited	
Mean UVB Transmittance:	0.003 (0.3%)		
Mean UVA Transmittance:	0.004(0.4%) _{0.0}	08	
Mean UPF:	340	ø		111111
Standard Deviation:	hats	0.0 ttanc	06	
Rated UPF:	50+	E O O		
Protection Category:	Excellent	Ē		
Statistical Uncertainties		0.0	02	
Total Measurement Uncertainty:	190	bos	B bedbead	
Coverage Factor (99% confidence):	3.50		290 300 310 320 330 340 350 360 370	380 390 400
The maximum instrumental contribution to	the uncertainty in re at the 95% cor	n the UPF	Wavelength (nanometres)	

Review of Results

This hat is considered to be effective as protection against solar ultraviolet radiation (UVR) as it has an ultraviolet protection factor (UPF) greater than 15. A UPF rating of 50+ qualifies this hat for the UPF Excellent protection category. The assigned UPF rating of 50+ may be quoted for advertising purposes.

When evaluating a hat, each part (brim, crown, etc) is tested and the overall rating for the hat is based on the lowest rating component.

Disclaimer		. /	Material Sample
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Anindita Das - Technician head	Lydia Tjong - Approved Signato	bry	dhead Page 1 of 1
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AS/NZS 4399: 2017

Analysed for: Bedhead Pty Ltd ARPANSA Reference: 12794-8

Australian Government

Australian Radiation Protection and Nuclear Safety Agency

Customer Reference: 2706

arpansa

Sample Information Sample Type: Linen Bedhead hats Sample Colour: Flax Bedhead hats Analysis Date: 30/01/2020 Instrumentation: Labsphere UV-1000F s/n 5239 Description: Flax 100% Linen Panelled Bucket- Flax/Nessie, HE-PB171

Protection Factor Results	®	UV Transmittance Characteristics
Number of Specimens Analysed:	8 24	
Mean UVB Transmittance:	0.005 (0	0.5%) 0.520
Mean UVA Transmittance:	0.009 (0	0.9%)
Mean UPF:	300	8
Standard Deviation:	edhead hats 190	bedhead bedhead bedhead hats
Rated UPF:	50+	
Protection Category:	Excellent	
Statistical Uncertainties		0.005
Total Measurement Uncertainty:	240	Bedbead
Coverage Factor (99% confidence):	3.50	290 300 310 320 330 340 350 360 370 380 390 400
The maximum instrumental contribution to result is 6.5% of the highest reportable values	the uncertainty in the uncertainty is the uncertain	the UPF Wavelength (nanometres) idence level.

Review of Results

This hat is considered to be effective as protection against solar ultraviolet radiation (UVR) as it has an ultraviolet protection factor (UPF) greater than 15. A UPF rating of 50+ qualifies this hat for the UPF Excellent protection category. The assigned UPF rating of 50+ may be quoted for advertising purposes.

When evaluating a hat, each part (brim, crown, etc) is tested and the overall rating for the hat is based on the lowest rating component.

Disclaimer			Material Sample
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AS/NZS 4399: 2017

Analysed for: Bedhead Pty Ltd ARPANSA Reference: 12794-9

Sample Information

Australian Government

Australian Radiation Protection and Nuclear Safety Agency

Customer Reference: 2706

arpansa

Sample Type:	Linen	bedhead hats	Sample Colour:	Olive	bedhead hats
Analysis Date:	30/01/2020	THE NEW YORK	Instrumentation:	Labsphere UV-1000F	⁻ s/n 5239
Description:	Olive 100% Linen C	lassic Bucket- Olive	/Mallee, HE-CB172		

Protection Factor Results		UV Transmittance Characteristics
Number of Specimens Analysed:	8 hats	
Mean UVB Transmittance:	0.003 (0.3%	
Mean UVA Transmittance:	0.004 (0.4%) 0.008
Mean UPF:	470	8
Standard Deviation:	edhead 290	0.006 bedhead bedhead - bats
Rated UPF:	50+	
Protection Category:	Excellent	
Statistical Uncertainties		0.002
Total Measurement Uncertainty:	350	bedbead
Coverage Factor (99% confidence):	3.50	290 300 310 320 330 340 350 360 370 380 390 400
The maximum instrumental contribution to result is 6.5% of the biobest reportable values	the uncertainty in the U	PF Wavelength (nanometres)

Review of Results

This hat is considered to be effective as protection against solar ultraviolet radiation (UVR) as it has an ultraviolet protection factor (UPF) greater than 15. A UPF rating of 50+ qualifies this hat for the UPF Excellent protection category. The assigned UPF rating of 50+ may be quoted for advertising purposes.

When evaluating a hat, each part (brim, crown, etc) is tested and the overall rating for the hat is based on the lowest rating component.

Disclaimer			Material Sample
This report was prepared using the testing meth otherwise stated the sample was tested in unstr to other batches of the same material, other colo and a humidity range of 50+20% relative humidit it is a condition of the provision of these test res (ARPANSA) or the Commonwealth of Australia, of Australia, in connection with the promotion o reproduced in full and without alteration.	od from AS/NZS 4399, Appendix A using the sol etched, dry condition. The results in this report a surs or similar materials. Testing was performed y. sults that you do not use the name of the Austral or any words, marks or devices which may imply r sale of your products without the prior written 30/01/2020 Aydiawat Lydia Tjong -	ar spectrum described in Appendix B. Unless are applicable to the sample tested and may not apply within a temperature range of 20+5 degrees celcius lian Radiation Protection and Nuclear Safety Agency a connection with ARPANSA or the Commonwealth approval of ARPANSA. This test report may only be Document ID: ARPANSA-RPT-0375[2] 26/11/2018 Jong 31/01/2020 Approved Signatory	edhead hats
NATA Accredited Lal Number: 1444	Accredited for compliance with poratory The results of the tests, calibra included in this document are t Australian/national standards c	ISO/IEC 17025 - Testing. tions and/or measurements raceable to f measurement. bedhead	5 9 pansa.gov.au nsa.gov.au/uv bedhead

AS/NZS 4399: 2017

Analysed for: Bedhead Pty Ltd ARPANSA Reference: 12794-10

Sample Information

Australian Government

Australian Radiation Protection and Nuclear Safety Agency

Customer Reference: 2706

arpansa

Sample Type:	Linen	bedhead hats	Sample Colour:	Ebony	bedhead [*] hats	
Analysis Date:	30/01/2020	THE STREET	Instrumentation:	Labsphere UV-1000F s/r	1 5239	
Description:	Ebony 100% Linen	Classic Bucket- Ebon	y/Zuri, HE-CB172			

Protection Factor Results		UV Trans	mittance Cha	racteristics
Number of Specimens Analysed:	8	hats	cune	au
Mean UVB Transmittance:	0.001 (0.1%)		
Mean UVA Transmittance:	0.002(0.2%) _{0.008}	/	
Mean UPF:	920	ø		
Standard Deviation:	edhead 600	bedhead titt	;	hats
Rated UPF:	50+		<u></u>	
Protection Category:	Excellent	Ĕ		
Statistical Uncertainties		0.002		
Total Measurement Uncertainty:	740		bedhead	
Coverage Factor (99% confidence):	3.50	290 300 310	320 330 340 350 36	370 380 390 400
The maximum instrumental contribution to	the uncertainty in	the UPF	Wavelength (nanome	tres)

result is 6.5% of the highest reportable value at the 95% confidence level.

Review of Results

This hat is considered to be effective as protection against solar ultraviolet radiation (UVR) as it has an ultraviolet protection factor (UPF) greater than 15. A UPF rating of 50+ qualifies this hat for the UPF Excellent protection category. The assigned UPF rating of 50+ may be quoted for advertising purposes.

When evaluating a hat, each part (brim, crown, etc) is tested and the overall rating for the hat is based on the lowest rating component.

Disclaimer					Material S	Sample
This report was prepared using the testin otherwise stated the sample was tested in to other batches of the same material, oth and a humidity range of 50+20% relative h it is a condition of the provision of these (ARPANSA) or the Commonwealth of Aus of Australia, in connection with the prome reproduced in full and without alteration.	g method from AS/NZS 433 o unstretched, dry conditio per colours or similar mater numidity. test results that you do noi tralia, or any words, marks otion or sale of your product 30/01/2020	99, Appendix A using the solar s n. The results in this report are rials. Testing was performed with truse the name of the Australian or devices which may imply a cts without the prior written app 0 Aydiawati Lydia Tjong - A	spectrum described in Apper applicable to the sample tes thin a temperature range of a Radiation Protection and N connection with ARPANSA of proval of ARPANSA. This tes Document JD: ARPANSA-R Tjong pproved Signatory	ndix B. Unless ted and may not apply 0+5 degrees celcius uclear Safety Agency r the Commonwealth t report may only be PT-0375[2] 26/11/2018 31/01/2020	dhead hats	Page 1 of 1
NATA Accredi Number:	ted Laboratory : 14442 bedt	Accredited for compliance with ISC The results of the fests, calibration included in this document are trace Australian/national standards of m	D/IEC 17025 - Testing. Is and/or measurements eable to easurement.	619 Lower Plenty Road Yallambie, Victoria 3085 Phone: +61 3 9433 2309 E-mail: upf-testing@arp Web: http://www.arpan) ansa.gov.au isa.gov.au/w	bedhead





Ultraviolet Protection Factor Summary

Analysed for: Bedhead Pty Ltd

15/02/2022

ARPANSA Reference	Sample Description	Speci- mens Tested	Mean UVB bedhe hat	Mean UVA	Mean UPF	Std. Dev	Rated UPF	UPF Classification
13490-1	White/Stripe 100% Linen Ladies Wide Brimmed Visor, HE- VS224-FINLEY	8	0.003	0.004	360	100	50+	Excellent protection
13490-2	Indigo/Stripe 100% Linen Ladies Wide Brimmed Visor, HE- VS224-CHARLIE	8	0.002	0.003	>300	n/a	50+	Excellent protection
13490-3	White/Stripe 100% Linen Fray Edge Bucket Hat, HE-	8	0.009	0.008	120	31	50+	Excellent protection
13490-4	Indigo/Stripe 100% Linen Fray Edge Bucket Hat, HE- hats FB223-CHARLIE	8	0.003	0.004	330	85	50+	Excellent protection
13490-5	White/Stripe 100% Linen Wide Brimmed Bonnet, HE- WB225-FINLEY	8	0.011	0.010	100	33	50+	Excellent protection
13490-6	Indigo/Stripe 100% Linen Wide Brimmed Bonnet, HE- WB225-CHARLIE	8	0.007	0.007	140	22	50+	Excellent protection
13490-7	White/Floral 100% Linen Ruffle Brim Bonnet, HE-BR221- WILLOW	8	-0.011	0.010	88	9.7	50+	Excellent protection
13490-8	Aqua Stripe 85%/15% Polyester/Elastane Swim Visor, SW- VS227	8	0.001	0.001	>300	n/a	50+	Excellent protection

bedhead

bedhead

Anindita Das - Technician

Lydiawati Tjong Lydia Tjong - Approved Signatory

15/02/2022

bedhead

It is a condition of the provision of these test results that you do not use the name of ARPANSA or the Commonwealth of Australia, or any words, marks or devices which may imply a connection with ARPANSA or the Commonwealth of Australia, in connection with the promotion or sale of your products, unless ARPANSA has given express written authority to do so. This test report may only be reproduced in full and without alteration.

15/02/2022

Document ID: ARPANSA-RPT-0373[3]

ARPANSA Ultraviolet Radiation Services 619 Lower Plenty Road Yallambie, Victoria 3085 Australia

Phone: +61 3 9433 2309 E-mail: uvr-services@arpansa.gov.au Web: http://www.arpansa.gov.au/uv

AS 4399:2020

Analysed for: Bedhead Pty Ltd ARPANSA Reference: 13490-1

Sample Information

Australian Government

Australian Radiation Protection and Nuclear Safety Agency

Customer Reference: 2706

arpansa

Sample Type:	Linen	bedhead hats	Sample Colour:	White/Stripe	bedhead [®] hats	
Analysis Date:	15/02/2022	111	Instrumentation:	Labsphere UV-1000F	s/n 5239	
Description:	White/Stripe 1	100% Linen Ladies Wie	de Brimmed Visor, HE-VS	S224-FINLEY		

Protection Factor Results	®	UV Transmittance Characteristics
Number of Specimens Analysed:	8 hats	
Mean UVB Transmittance:	0.003 (0.3%	%)
Mean UVA Transmittance:	0.004 (0.4%	%) _{0.008}
Mean UPF:	360	8
Standard Deviation:	bedhead hats 100	till bedhead
Rated UPF:	50+	
UPF Classification: Excelle	nt protection	
Statistical Uncertainties		0.002
Total Measurement Uncertainty:	120	Bedhead S
Coverage Factor (99% confidence):	3.50	290 300 310 320 330 340 350 360 370 380 390 400
The maximum instrumental contribution t	o the uncertainty in the l	UPF Wavelength (nanometres)

result is 6.5% of the highest reportable value at the 95% confidence level.

Review of Results

This hat is considered to be effective as protection against solar ultraviolet radiation (UVR) as it has an ultraviolet protection factor (UPF) greater than 15. A Rated UPF of 50+ qualifies this hat for a UPF classification of Excellent protection. The Rated UPF of 50+ may be quoted for advertising purposes.

When evaluating a hat, each part (brim, crown, etc) is tested and the overall rating for the hat is based on the lowest rating component.

This test report provides UPF results for the material tested. This report does not consider the design or body coverage of the product. Headwear may not provide protection against reflected or scattered solar ultraviolet radiation.

Material Sample Disclaimer This report was prepared using the testing method from AS 4399, Appendix A using the solar spectrum described in Appendix A.8(c) Note 1. Unless otherwise stated the sample was tested in unstretched, dry condition. Any deviation from the standard method is noted in the body of the report. The results in this report are applicable to the sample tested and may not apply to other batches of the same material, other colours or similar materials. Testing was performed within a temperature range of 20<u>+</u>5 degrees celcius and a humidity range of 50<u>+</u>20% relative humidity. It is a condition of the provision of these test results that you do not use the name of the Australian Radiation Protection and Nuclear Safety Agency (ARPANSA) or the Commonwealth of Australia, or any words, marks or devices which may imply a connection with ARPANSA or the Commonwealth of Australia, in connection with the promotion or sale of your products without the prior written approval of ARPANSA. This test report may only be reproduced in full and without alteration. Document ID: ARPANSA-RPT-0375[3] 18/06/2020 Lydiawati Tjong 15/02/2022 15/02/2022 Anindita Das - Technician Lydia Tjong - Approved Signatory Page 1 of 1 619 Lower Plenty Road Accredited for compliance with ISO/IEC 17025 - Testing. Yallambie, Victoria 3085 NATA Accredited Laboratory The results of the tests, calibrations and/or measurements NATA Phone: +61 3 9433 2309 included in this document are traceable to Number: 14442 E-mail: uvr-services@arpansa.gov.au Australian/national standards of measurement. http://www.arpansa.gov.au/uv Web ACCREDITATION

AS 4399:2020

Analysed for: Bedhead Pty Ltd ARPANSA Reference: 13490-2

Sample Information

Australian Government

Australian Radiation Protection and Nuclear Safety Agency

Customer Reference: 2706

arpansa

Sample Type:	Linen	bedhead hats	Sample Colour:	Indigo/Stripe	bedhead hats	
Analysis Date:	15/02/2022	1111	Instrumentation:	Labsphere UV-10	00F s/n 5239	
Description:	Indigo/Stripe 1	00% Linen Ladies V	Vide Brimmed Visor, HE-V	S224-CHARLIE		

Protection Factor Result		UV Transmittance Characteristics
Number of Specimens Analysed	l: 8 🗐	
Mean UVB Transmittance:	0.002 (0.1	0.2%)
Mean UVA Transmittance:	0.003 (0.3	0.3%) _{0.008}
Mean UPF:	>300	g and a second sec
Standard Deviation:	bedhead n/a	E 0.006 bedhead - bedhead - bedhead - bedhead - bats
Rated UPF:	50+	
UPF Classification: Exce	ellent protection	F
Statistical Uncertainties		0.002
Total Measurement Uncertainty:	n/a	Bedhead bedhead
Coverage Factor (99% confidence)	3.50	290 300 310 320 330 340 350 360 370 380 390 400
The maximum instrumental contribution	on to the uncertainty in the	ne UPF Wavelength (nanometres)

result is 6.5% of the highest reportable value at the 95% confidence level.

Review of Results

This hat is considered to be effective as protection against solar ultraviolet radiation (UVR) as it has an ultraviolet protection factor (UPF) greater than 15. A Rated UPF of 50+ qualifies this hat for a UPF classification of Excellent protection. The Rated UPF of 50+ may be quoted for advertising purposes.

When evaluating a hat, each part (brim, crown, etc) is tested and the overall rating for the hat is based on the lowest rating component.

This test report provides UPF results for the material tested. This report does not consider the design or body coverage of the product. Headwear may not provide protection against reflected or scattered solar ultraviolet radiation.

Material Sample Disclaimer This report was prepared using the testing method from AS 4399, Appendix A using the solar spectrum described in Appendix A.8(c) Note 1. Unless otherwise stated the sample was tested in unstretched, dry condition. Any deviation from the standard method is noted in the body of the report. The results in this report are applicable to the sample tested and may not apply to other batches of the same material, other colours or similar materials. Testing was performed within a temperature range of 20<u>+</u>5 degrees celcius and a humidity range of 50<u>+</u>20% relative humidity. It is a condition of the provision of these test results that you do not use the name of the Australian Radiation Protection and Nuclear Safety Agency (ARPANSA) or the Commonwealth of Australia, or any words, marks or devices which may imply a connection with ARPANSA or the Commonwealth of Australia, in connection with the promotion or sale of your products without the prior written approval of ARPANSA. This test report may only be reproduced in full and without alteration. Document ID: ARPANSA-RPT-0375[3] 18/06/2020 Lydiawati Tjong 15/02/2022 15/02/2022 Anindita Das - Technician Lydia Tjong - Approved Signatory Page 1 of 1 619 Lower Plenty Road Accredited for compliance with ISO/IEC 17025 - Testing. Yallambie, Victoria 3085 NATA Accredited Laboratory The results of the tests, calibrations and/or measurements NATA Phone: +61 3 9433 2309 included in this document are traceable to Number: 14442 E-mail: uvr-services@arpansa.gov.au Australian/national standards of measurement. http://www.arpansa.gov.au/uv Web ACCREDITATION

AS 4399:2020

Analysed for: Bedhead Pty Ltd ARPANSA Reference: 13490-3

Australian Government

Australian Radiation Protection and Nuclear Safety Agency

Customer Reference: 2706

arpansa

 Sample Information

 Sample Type: Linen
 bedhead hats
 Sample Colour:
 White/Stripe
 bedhead hats

 Analysis Date: 15/02/2022
 Instrumentation:
 Labsphere UV-1000F s/n 5239

 Description:
 White/Stripe 100% Linen Fray Edge Bucket Hat, HE-FB223-FINLEY

Protection Factor Results	®	bedhead U	V Transmittance	Characteristics
Number of Specimens Analysed:	8	hats	DEUI	ICau
Mean UVB Transmittance:	0.009 (0.9%)		
Mean UVA Transmittance:	0.008(0.8%)		
Mean UPF:	120	0.015 g		
Standard Deviation:	hats	ittanc	bedhead hats	bedhead hats
Rated UPF:	50+	E 0.010		
UPF Classification: Excellen	t protection	Tre		
Statistical Uncertainties		0.005		
Total Measurement Uncertainty:	38		®	edhead 5
Coverage Factor (99% confidence):	3.50	0.000	90 300 310 320 330 340	350 360 370 380 390 400
The maximum instrumental contribution to result is 6.5% of the highest reportable values	the uncertainty in ue at the 95% cor	the UPF fidence level.	Wavelength	(nanometres)

Review of Results

This hat is considered to be effective as protection against solar ultraviolet radiation (UVR) as it has an ultraviolet protection factor (UPF) greater than 15. A Rated UPF of 50+ qualifies this hat for a UPF classification of Excellent protection. The Rated UPF of 50+ may be quoted for advertising purposes.

When evaluating a hat, each part (brim, crown, etc) is tested and the overall rating for the hat is based on the lowest rating component.

Disclaimer			Material Sample
This report was prepared using the testing method otherwise stated the sample was tested in unstreat results in this report are applicable to the sample to the sample of the provision of these test result (ARPANSA) or the Commonwealth of Australia, or of Australia, in connection with the promotion or so reproduced in full and without alteration.	A from AS 4399, Appendix A using the solar spec ched, dry condition. Any deviation from the stat lested and may not apply to other batches of th of 20±5 degrees celcius and a humidity range its that you do not use the name of the Australi any words, marks or devices which may imply ale of your products without the prior written a 15/02/2022 Aydiawatio Lydia Tjong - A	ctrum described in Appendix A.8(c) ndard method is noted in the body of e same material, other colours or sis of 50±20% relative humidity. an Radiation Protection and Nuclear a connection with ARPANSA or the pproval of ARPANSA. This test repo Document ID: ARPANSA-RPT-03 Tjong 15/0 Approved Signatory	Note 1. Unless of the report. The milar materials. r Safety Agency Commonwealth ot may only be 02/2022 bedhead hats Page 1 of 1
NATA Accredited Labo Number: 14442	Accredited for compliance with I The results of the tests, calibrati included in this document are tra Australian/national standards of	SO/IEC 17025 - Testing. 619 ons and/or measurements Yalla aceable to E-mu measurement. Web	Lower Plenty Road mbie, Victoria 3085 ne: +61 3 9433 2309 ail: uvr-services@arpansa.gov.au http://www.arpansa.gov.au/uv

AS 4399:2020

Analysed for: Bedhead Pty Ltd ARPANSA Reference: 13490-4

Sample Information

Australian Government

Australian Radiation Protection and Nuclear Safety Agency

Customer Reference: 2706

Material Sample

arpansa

Sample Type: Lir	nen	bedhead hats	Sample Colour:	Indigo/Stripe	bedhead hats
Analysis Date: 15	/02/2022	TIT N	Instrumentation:	Labsphere UV-1000F	⁻ s/n 5239
Description: Inc	digo/Stripe 100% L	inen Fray Edge	Bucket Hat, HE-FB223-0	CHARLIE	

Protection Factor Re	esults	UV Transmittance Characteristics
Number of Specimens Ana	llysed: 8	
Mean UVB Transmittance:	0.003 (0	0.3%) 0.010
Mean UVA Transmittance:	0.004 (0	0.4%) _{0.008}
Mean UPF:	330	8
Standard Deviation:	bedhead 85	titi titi titi titi titi titi titi tit
Rated UPF:	50+	
UPF Classification:	Excellent protection	H Close
Statistical Uncertair	nties	0.002
Total Measurement Uncert	ainty: 100	Bedhead a
Coverage Factor (99% confid	dence): 3.50	290 300 310 320 330 340 350 360 370 380 390 400
The maximum instrumental con	tribution to the uncertainty in t	the UPF Wavelength (nanometres)

result is 6.5% of the highest reportable value at the 95% confidence level.

Review of Results

This hat is considered to be effective as protection against solar ultraviolet radiation (UVR) as it has an ultraviolet protection factor (UPF) greater than 15. A Rated UPF of 50+ qualifies this hat for a UPF classification of Excellent protection. The Rated UPF of 50+ may be quoted for advertising purposes.

When evaluating a hat, each part (brim, crown, etc) is tested and the overall rating for the hat is based on the lowest rating component.

This test report provides UPF results for the material tested. This report does not consider the design or body coverage of the product. Headwear may not provide protection against reflected or scattered solar ultraviolet radiation.

Disclaimer

This report was prepared using the testing method fro otherwise stated the sample was tested in unstretcher results in this report are applicable to the sample test Testing was performed within a temperature range of it is a condition of the provision of these test results (ARPANSA) or the Commonwealth of Australia, or any of Australia, in connection with the promotion or sale reproduced in full and without alteration.	om AS 4399, Appendix A using the solar spect d, dry condition. Any deviation from the stand ed and may not apply to other batches of the 3 20±5 degrees celcius and a humidity range of that you do not use the name of the Australian r words, marks or devices which may imply a of your products without the prior written app 5/02/2022 Aydiawati Lydia Tjong - A	trum described in Appendix A.8(c) Note dard method is noted in the body of the same material, other colours or similar i f 50±20% relative humidity. In Radiation Protection and Nuclear Safet connection with ARPANSA or the Comm proval of ARPANSA. This test report may Document ID: ARPANSA-RPT-0375[3] Jourg 15/02/2 pproved Signatory	1. Unless report. The materials. y Agency tonwealth torone 2020 2022 bedhead hats Page 1 of 1
NATA Accredited Laborato Number: 14442	Accredited for compliance with ISC The results of the tests, calibration included in this document are trace Australian/national standards of m	O/IEC 17025 - Testing. ns and/or measurements eable to neasurement.	Plenty Road Victoria 3085 [3 9433 2309 r-services@arpansa.gov.au tp://www.arpansa.gov.au/uv

Australian Government Australian Radiation Protection and Nuclear Safety Agency DIstraction Contraction Contraction Contraction Contraction Contraction Contraction Contraction Analysed for: Bedhead Pty Ltd. Arepansa Reference: 13490-5 Sample Information Sample Colours: White/Stripe Analysis Date: 15/02/2022 Instrumentation: Labsphere UV-1000F s/n 5239 Description: White/Stripe 100% Linen Wide Brimmed Bonnet, HE-WB225-FINLEY

Protection Factor Results	®bedhea	UV Transmittance Characteristics
Number of Specimens Analysed:	8 hats	
Mean UVB Transmittance:	0.011 (1.1%	b) 0.020
Mean UVA Transmittance:	0.010 (1.0%	
Mean UPF:	100	0.015
Standard Deviation:	bedhead 33	bedhead hats
Rated UPF:	50+	
UPF Classification: Exceller	nt protection	H H
Statistical Uncertainties		0.005
Total Measurement Uncertainty:	41	Bedhead
Coverage Factor (99% confidence):	3.50	290 300 310 320 330 340 350 360 370 380 390 400
The maximum instrumental contribution to result is 6.5% of the highest reportable values and the highest rep	the uncertainty in the U ue at the 95% confidenc	JPF Wavelength (nanometres)

Review of Results

This hat is considered to be effective as protection against solar ultraviolet radiation (UVR) as it has an ultraviolet protection factor (UPF) greater than 15. A Rated UPF of 50+ qualifies this hat for a UPF classification of Excellent protection. The Rated UPF of 50+ may be quoted for advertising purposes.

When evaluating a hat, each part (brim, crown, etc) is tested and the overall rating for the hat is based on the lowest rating component.

Material Sample Disclaimer This report was prepared using the testing method from AS 4399, Appendix A using the solar spectrum described in Appendix A.8(c) Note 1. Unless otherwise stated the sample was tested in unstretched, dry condition. Any deviation from the standard method is noted in the body of the report. The results in this report are applicable to the sample tested and may not apply to other batches of the same material, other colours or similar materials. Testing was performed within a temperature range of 20<u>+</u>5 degrees celcius and a humidity range of 50<u>+</u>20% relative humidity. It is a condition of the provision of these test results that you do not use the name of the Australian Radiation Protection and Nuclear Safety Agency (ARPANSA) or the Commonwealth of Australia, or any words, marks or devices which may imply a connection with ARPANSA or the Commonwealth of Australia, in connection with the promotion or sale of your products without the prior written approval of ARPANSA. This test report may only be Document ID: ARPANSA-RPT-0375[3] 18/06/2020 reproduced in full and without alteration. hydiawati Tjong 15/02/2022 15/02/2022 Anindita Das - Technician Lydia Tjong - Approved Signatory Page 1 of 1 619 Lower Plenty Road Accredited for compliance with ISO/IEC 17025 - Testing. Yallambie, Victoria 3085 NATA Accredited Laboratory The results of the tests, calibrations and/or measurements NAT/ Phone: +61 3 9433 2309 included in this document are traceable to Number: 14442 E-mail: uvr-services@arpansa.gov.au Australian/national standards of measurement. http://www.arpansa.gov.au/uv Web ACCREDITATION

AS 4399:2020

Analysed for: Bedhead Pty Ltd ARPANSA Reference: 13490-6

Sample Information

Australian Government

Australian Radiation Protection and Nuclear Safety Agency

Customer Reference: 2706

Material Sample

arpansa

Sample Type:	Linen	bedhead hats	Sample Colour:	Indigo/Stripe	bedhead [®] hats	11
Analysis Date:	15/02/2022	THE N	Instrumentation:	Labsphere UV-1000F	s/n 5239	
Description:	Indigo/Stripe 100%	Linen Wie	de Brimmed Bonnet, HE-WB225	5-CHARLIE		

Protection Factor Results) b	UV Transmittance Character	istics
Number of Specimens Analysed:	8		
Mean UVB Transmittance:	0.007 ((0.7%)	
Mean UVA Transmittance:	0.007 ((0.7%) _{0.008}	/
Mean UPF;	140	8	
Standard Deviation:	ead 22	tet 0.006 bedhead hats	bedhead ====================================
Rated UPF:	50+		111
UPF Classification: Excellent p	protection		
Statistical Uncertainties		0.002	
Total Measurement Uncertainty:	27	bedhead a	
Coverage Factor (99% confidence):	3.50	290 300 310 320 330 340 350 360 370 38	390 400
The maximum instrumental contribution to the	e uncertainty in t	the UPF Wavelength (nanometres)	

result is 6.5% of the highest reportable value at the 95% confidence level.

Review of Results

This hat is considered to be effective as protection against solar ultraviolet radiation (UVR) as it has an ultraviolet protection factor (UPF) greater than 15. A Rated UPF of 50+ qualifies this hat for a UPF classification of Excellent protection. The Rated UPF of 50+ may be quoted for advertising purposes.

When evaluating a hat, each part (brim, crown, etc) is tested and the overall rating for the hat is based on the lowest rating component.

This test report provides UPF results for the material tested. This report does not consider the design or body coverage of the product. Headwear may not provide protection against reflected or scattered solar ultraviolet radiation.

Disclaimer

This report was prepared using the testing method from AS 4399, Aj otherwise stated the sample was tested in unstretched, dry condition results in this report are applicable to the sample tested and may no resting was performed within a temperature range of 20 <u>4</u> 5 degrees it is a condition of the provision of these test results that you do no (ARPANSA) or the Commonwealth of Australia, or any words, marks of Australia, in connection with the promotion or sale of your produ- reproduced in full and without alteration. 15/02/202 Anindita Das - Technician head hats	opendix A using the solar spectrum described in Appendix A n. Any deviation from the standard method is noted in the tapply to other batches of the same material, other colours celcius and a humidity range of 50±20% relative humidity. t use the name of the Australian Radiation Protection and N or devices which may imply a connection with ARPANSA of cts without the prior written approval of ARPANSA. This tes Document ID: ARPANSA-R 2 Aydiawati Tjong Lydia Tjong - Approved Signatory	A.8(c) Note 1. Unless body of the report. The sor similar materials. uclear Safety Agency or the Commonwealth the report may only be ppr-0375[3] 18/06/2020 15/02/2022 bedhead hats	Page 1 of 1
NATA Accredited Laboratory Number: 14442	Accredited for compliance with ISO/IEC 17025 - Testing. The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/national standards of measurement.	619 Lower Plenty Road Yallambie, Victoria 3085 Phone: +61 3 9433 2309 E-mail: uvr-services@arpansa.gov.au Web: http://www.arpansa.gov.au/uv	bedhead

AS 4399:2020

Analysed for: Bedhead Pty Ltd ARPANSA Reference: 13490-7

Australian Government

Australian Radiation Protection

Customer Reference: 2706

arpansa

 Sample Information

 Sample Type:
 Linen

 Analysis Date:
 15/02/2022

 Description:
 White/Floral 100% Linen Ruffle Brim Bonnet, HE-BR221-WILLOW

Protection Factor Results	® *	UV Transmittance Characteristic	cs
Number of Specimens Analysed:	8	hats	
Mean UVB Transmittance:	0.011 (1.1%)	
Mean UVA Transmittance:	0.010 (1.0%)	
Mean UPF:	88	9	
Standard Deviation:	bedhead 9.7	bedhead bedhead bedhead bedhead	
Rated UPF:	50+		
UPF Classification: Exceller	nt protection	E T	
Statistical Uncertainties		0.005	·
Total Measurement Uncertainty:	12	bedhead	
Coverage Factor (99% confidence):	3.50	290 300 310 320 330 340 350 360 370 380 390	400
The maximum instrumental contribution to result is 6.5% of the highest reportable val	the uncertainty in ue at the 95% con	n the UPF Wavelength (nanometres) nfidence level.	

3 1

Review of Results

This hat is considered to be effective as protection against solar ultraviolet radiation (UVR) as it has an ultraviolet protection factor (UPF) greater than 15. A Rated UPF of 50+ qualifies this hat for a UPF classification of Excellent protection. The Rated UPF of 50+ may be quoted for advertising purposes.

When evaluating a hat, each part (brim, crown, etc) is tested and the overall rating for the hat is based on the lowest rating component.

This test report provides UPF results for the material tested. This report does not consider the design or body coverage of the product. Headwear may not provide protection against reflected or scattered solar ultraviolet radiation.

Material Sample Disclaimer This report was prepared using the testing method from AS 4399, Appendix A using the solar spectrum described in Appendix A.8(c) Note 1. Unless otherwise stated the sample was tested in unstretched, dry condition. Any deviation from the standard method is noted in the body of the report. The results in this report are applicable to the sample tested and may not apply to other batches of the same material, other colours or similar materials. Testing was performed within a temperature range of 20<u>+</u>5 degrees celcius and a humidity range of 50<u>+</u>20% relative humidity. It is a condition of the provision of these test results that you do not use the name of the Australian Radiation Protection and Nuclear Safety Agency (ARPANSA) or the Commonwealth of Australia, or any words, marks or devices which may imply a connection with ARPANSA or the Commonwealth of Australia, in connection with the promotion or sale of your products without the prior written approval of ARPANSA. This test report may only be Document ID: ARPANSA-RPT-0375[3] 18/06/2020 reproduced in full and without alteration. hydiawati Tjong 15/02/2022 15/02/2022 Anindita Das - Technician Lydia Tjong - Approved Signatory Page 1 of 1 619 Lower Plenty Road Accredited for compliance with ISO/IEC 17025 - Testing. Yallambie, Victoria 3085 NATA Accredited Laboratory The results of the tests, calibrations and/or measurements NATA Phone: +61 3 9433 2309 included in this document are traceable to Number: 14442 E-mail: uvr-services@arpansa.gov.au Australian/national standards of measurement. http://www.arpansa.gov.au/uv Web ACCREDITATION