

**CHEMICAL TEST REPORT**

Ref. 489184-2

Date August 7, 2026

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Attention: Mansour AbdulBaki

Chief Science
Officer at Valinor

Materials Specification: N/A

Test Methods: ATS 367 Rev. 1 – Analysis
of Bisphenol A (BPA) by
LC/MS/MS

PO #: N/A

Sample: See Below

Test Results

Identification	ATS #	Bisphenol A (ppb, µg/kg)
Light Blue Fabric – 91% Regenerated Hemp, 9% Elastane	1	N.D. < 1

N.D. < 1 – None Detected less than 1 part per billion (µg/kg)

The samples were analyzed for Bisphenol A with a detection limit of 1 part per billion (ppb) µg/kg.

ATS recommends consulting with a toxicologist or industry expert in order to determine if a Prop 65 warning label is required.



Prepared by:

William Carson

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Carson
Date: 2026.08.10 06:51:06
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Approved by:

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Justin Burmeister
Date: 2026.08.10
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W. Carson, Senior Chemist

J. Burmeister, Chemistry Director

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Attention: Mansour AbdulBaki

Chief Science
Officer at Valinor

Materials Specification: N/A

Test Methods: GC/MS was used to identify and quantify the phthalate compounds according to CPSC-CH-C1001-09.4.

PO #: N/A

Sample: See Below

Test Results

parts per million (mg/kg)

Component	ATS #	DPENP§	DHEXP§‡ (DnHP)	DCHP§	DIBP§	DEHP§‡	DnBP§‡	BBP§‡	DINP§‡	DIDP‡	DNOP
Light Blue Fabric – 91% Regenerated Hemp, 9% Elastane	1	*N.D.	*N.D.	*N.D.	*N.D.	*N.D.	*N.D.	*N.D.	*N.D.	*N.D.	*N.D.

DPENP – Di-N-Pentyl Phthalate; DHEXP – Di-N-Hexyl Phthalate; DCHP – Dicyclohexyl Phthalate

DIBP – Diisobutyl Phthalate; DEHP – Di-Ethyl Hexyl Phthalate; DnBP – Di-N-Butyl Phthalate; BBP – Butyl Benzyl Phthalate

DINP – Di-Isononyl Phthalate; DIDP – Di-Isodecyl Phthalate; DNOP – Di-n-Octyl Phthalate

*N.D. – None Detected < 50 parts per million (mg/kg)

§CPSIA Subsection 108(a) requirement for phthalates

‡CA Prop 65 requirements for phthalates

ATS recommends consulting with a toxicologist or industry expert in order to determine if a Prop 65 warning label is required.



Prepared by:

R. Webster, Chemist

Approved by:

Digitally signed by Justin Burmeister
Date: 2026.08.10 11:19:39 -0400

J. Burmeister, Chemistry Director

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APPENDIX I – PHOTOS



Figure 1

Tested on Valinor's
Taureнна™ Fabric
Color: Sky

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**CHEMICAL TEST REPORT**

Ref. 489184-1	Date: August 10, 2026	Page 1 of 3
Attention: Mansour AbdulBaki Chief Science Officer at Valinor	Materials Specification: Non-Metal Test Method: EN 14582:2016 and ASTM D4327-17 as guides Sample: See Below	PO #: N/A
Test Results		
Identification	ATS #	Total Fluorine (parts per million, mg/kg)
Light Blue Fabric – 91% Regenerated Hemp, 9% Elastane	1	< 2

Total fluorine content analysis is a limiting species marker for PFAS compounds. PFAS compounds cannot be present at a level above the total fluorine content results. The current de facto limit for total fluorine content is 100 ppm.

**ISO 9001:2015
Registered**

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J. Quarles, Chemist

J. Burmeister, Chemistry Director

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**CHEMICAL TEST REPORT**

Ref. 489184-1	Date: August 10, 2026	Page 2 of 3
Attention: Mansour AbdulBaki Chief Science Officer at Valinor	Materials Specification: Non-Metal Test Method: Formaldehyde analysis by AATTCC 112-2008 Sample: See Below	
PO #: N/A		
Test Results		
Identification	ATS #	Formaldehyde (parts per million, mg/kg)
Light Blue Fabric – 91% Regenerated Hemp, 9% Elastane	1a	< 3.0
	1b	< 3.0

**ISO 9001:2015
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APPENDIX I – Photos



Figure 1

Tested on Valinor's
Taureнна™ Fabric
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