



Hohenstein Laboratories · Schlosssteige 1 · 74357 Bönningheim · GERMANY

AllMatters ApS  
Ravnsborggade 18  
2200 COPENHAGEN  
DENMARK

Hohenstein Laboratories  
GmbH & Co. KG

Schlosssteige 1  
74357 Bönningheim · Germany

**Division Softlines**  
Phone +49 7143 271 268  
[softlines@hohenstein.com](mailto:softlines@hohenstein.com)

Client ref.

Contact person  
Bantle, Stefan

Our ref.  
DP/MOE1

Date  
21 February 2025

---

## Report no. 25.0.82828

---

**Client** : AllMatters ApS

**Contact person** : Mr Matt Baguley  
Phone: +45 2851 1021

**Date of order** : 03.02.2025

**Receipt of order** : 03.02.2025

**Receipt of material** : 03.02.2025

**Test material** : One sample of period underwear (4x), Batch 1, 012025, PO 106399

**Period of test(s)** : 05.02.2025 – 21.02.2025


**Aim of test(s)** : Determination of perfluorinated compounds (PFC) as well as of the total content of silver.

The report comprises 5 pages.





**Materials which have to be tested**

Sample	
1	<p>Period underwear, Batch 1, 012025, PO 106399, colour black</p> 
1.1	Knitted fabric, gusset, colour black
1.2	Membrane, gusset, colour anthracite



## RESULT

### Determination of per- and polyfluoroalkylsubstances (PFAS) according to OEKO-TEX® STANDARD 100<sup>A</sup>

#### Method:

Solvent extraction with alkaline hydrolysis; Determination using HPLC-MS/MS

The substances according to the list in the current OEKO-TEX® STANDARD 100 were included in the test.

#### Test result:

Sample	Detected substances	in µg/kg	in µg/m²
1.2 Membrane, gusset, colour anthracite	-	n.d.	n.d.
Limit values acc. to appendix 4			
• Product class I	Perfluorinated sulfonic acids (PFBS, PFHxS, PFHpS, PFDS)	Σ < 50 µg/kg	-
• Product classes II-IV		Σ < 250 µg/kg	-
• Product class I	Partially fluorinated carboxylic/ sulfonic acids	Σ < 50 µg/kg	-
• Product classes II-IV	(6:2 FTS, 7HPFHpA, 4HPFUnA)	Σ < 250 µg/kg	-
• Product classes I-IV	PFOS and related substances (PFOS, PFOSA, PFOSF, N-Me-FOSA, N-Et-FOSA, N-Me-FOSE, N-Et-FOSE)	-	Σ < 1,0 µg/m²
	PFOA and salts	< 25 µg/kg	-
	PFOA related substances (8:2 FTA, 8:2 FTOH, 8:2 FTS)	Σ < 250 µg/kg	-
	C9-C14 and further PFCA (PFNA, PFDA, PFUdA, PFDoA, PFTrDA, PFTeDA, PF-3,7-DMOA, PFBA, PFPeA, PFHxA, PFHpA)	Σ < 25 µg/kg	-
	C9-C14 PFCA related substances (PFDS, 4HPFUnA, 8:2 FTOH, 10:2 FTOH, 8:2 FTA, 10:2 FTA)	Σ < 260 µg/kg	-
	PFHxS and salts	Σ < 25 µg/kg	-
	-		
	Partially fluorinated carboxylic/ sulfonic acids (HFPO-DA)	unter Beobachtung <sup>1</sup> – under Observation <sup>1</sup>	
	Partially fluorinated linear alcohols (4:2 FTOH, 6:2 FTOH, 8:2 FTOH, 10:2 FTOH)	Σ < 250 µg/kg	
	Esters of fluorinated alcohols with acrylic acid (6:2 FTA, 8:2 FTA, 10:2 FTA)	Σ < 250 µg/kg	-
Limit of quantitation	N-Et-FOSE, N-Me-FOSE, FTA	200 µg/kg	0,2 µg/m²
	FTOH, Other PFAS	10 µg/kg	
Note	n.d. = not detectable		



Sample	Detected substances	in µg/kg	in µg/m²
<b>Further Notes</b> <sup>1</sup> The result is provided for information purposes; presently not regulated indeed  The following substances are hydrolyzed in the course of sample extraction and are therefore detected indirectly via the degradation products mentioned: 6:2-FTA → 6:2 FTOH; 8:2 FTA → 8:2 FTOH; 10:2 FTA → 10:2 FTOH; PFOSF, PFOSA → PFOS  PFCA: Perfluorinated carboxylic acids			

#### Determination of the total content of silver

##### **Method:**

Micro wave decomposition; Determination using ICP/MS (DIN EN 16711-1: 2016-02<sup>A</sup>; Modification: numbers of analytes to be determined and DIN 17294-2 (E29): 2017-01<sup>A</sup>)

##### **Test result:**

Sample	Total content of silver in mg/kg
1.1 Knitted fabric, gusset, colour black	<5
Limit of quantitation	5 mg/kg
Note	Result given with „<“ corresponds to the limit of quantitation



---

## CONCLUSION

---

The material passes all tested requirements

Schloss Hohenstein, 21 February 2025

Division Manager Softlines

Katharina Loos



Product specialist Softlines

Diana Petke

The results relate only to the samples examined. The following decision rule applies to declarations of conformity, unless required by law, standard or contractual agreement with the customer: ILAC G8:09/2019 4.2.1, w = 0 (simple acceptance rule). This report must only be reproduced in full and not in extract form. Use of the report in advertising or the publication of free interpretations of the results is only allowed with the express permission of Hohenstein. Only the authorized report is legally binding. Procedures included in the scope of accreditation are marked <sup>A</sup> in the report. Our terms of business shall apply: [www.hohenstein.com/en/gtcb](http://www.hohenstein.com/en/gtcb)