

EEBEN NEW MATERIAL(ZHONGSHAN)CO.,LTD
No. 4 Guangyao Road, Xiaolan Town
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CHINA, P.R.

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Business process	Contact person	Our ref.	Date
25.1239314	Siham Benbrinis	EVSU/Sib/TTR	9. January 2026

Report No. 25.0.33316/Rev1

(=25.0.33316 ZN)

Applicant:	EEBEN NEW MATERIAL(ZHONGSHAN)CO.,LTD No. 4 Guangyao Road, Xiaolan Town 528411 Zhongshan City, Guangdong Province CHINA, P.R.		
Date of order:	10/30/2025		
Contact person:	Mr Shaodong Jiang Tel: +86 139 24969780 Email: 171355230@qq.com		
Receipt of order:	10/31/2025		
Receipt of material:	11/10/2025		
Receipt of further information:	10/24/2025	Payment in advance	
	11/5/2025	Updated product information dossier and MSDSs (corrected CAS number for carbon black)	
	11/21/2025	Updated product information dossier and declaration of conformity (corrected product name AST-310 FHY Brilliant Blue)	
	1/9/2026	Corrected application and declaration of conformity (company name); payment in advance (revision)	
Details of order:	Certification according to OEKO-TEX® ECO PASSPORT		

The report comprises 6 pages.

Our terms of business shall apply:
www.hohenstein.com/gtcb

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Hohenstein Laboratories GmbH & Co. KG - County Court Stuttgart HRA 724658 Personally liable associate:
Hohenstein Verwaltungs GmbH - County Court Stuttgart HRB 752904 CEOs: Dr. Stefan Droste, Dr. Timo
Hammer Company Headquarter is Bönnigheim

REVISION TABLE

The current revision cancels and replaces the original version of the report and all previous revisions.

Revision	Amendment and reason	Date
0	First issuance	1/5/2026
1	Correction of the company name upon client request, p. 1; test report no., p. 4	1/7/2026

The application for certification was submitted using the relevant forms issued for this purpose.

The applicant enclosed the declaration of conformity and agreed to the terms of use.

The originals of all necessary documents have been signed with a legally binding signature.

The orderer confirmed that no biological active product is used.

Further the orderer confirmed that no flame retardant product is used.

Product formulations for the samples are provided by the orderer.

The application was made for the following product category:

Pigments

The certification was requested for the below mentioned products:

AST-102 F2B Pink: P6B Rose

AST-111 F2G Red

AST-143 FFR Orange

AST-185 FF3G Rose Red

AST-201 FGG Lemon Yellow: AST-202 BG Yellow

AST-203 FF2R Gold Yellow

AST-281 FG Lemon Yellow

AST-310 FHY Brilliant Blue: AST-303 FGA Turquoise Blue, AST- 312 FRG True Blue, AST-307 NRC True Blue, AST-313 FGG Turquoise Blue, D-301 FFG Blue, D-302 FBL Brilliant Blue, D-303 FRB Turquoise Blue

AST-304 FV Army Blue: AST-314 F2R Navy Blue, D-304 FR Navy Blue, FV-304 FR Navy Blue

AST-607 HGS Green: D-601 FB Green

AST-503 FBB Black: AST-505 HB Black, AST-508 HB Black, D-500 RT Black, D-502 RT Black

AST-707 FL White: D-401 FTW White, YB-50 FTW White

AST-723 RL Violet: AST-7100 RL Violet, AST-7200 RL Violet, D-701 FN Violet, D-702 FFNR Violet

D-111 FFG Scarlet

D-113 FIFR Cerise

D-114 FR Crimson

D-115 FR2B Bordeaux

D-116 FFRN Red Lotus

D-117 FGRN Tangeine

D-118 FRB Pink: D-KB Pink, T6B Rose

D-181 NQY Red

D-202 FG Medium Yellow: D-221 F7G Lemon Yellow

D-204 FGR Gold Yellow: D-205 FGG Gold Yellow, D-25A Gold Yellow

D-206 FGR Orange

D-268 Bright Red

D-603 F4G Brilliant Green

D-801 F2R Red Brown

D-802 F2R Yellow Brown

D-HCY2 Orange: D-R Orange

D-PR70 Red

D-TRC Red

Representative sample material has been submitted.

CAS NUMBER SCREENING

All products stated by the applicant are mentioned in the table below. Information was labelled by the applicant as full disclosure. Each stated substance including CAS number was checked for occurrence on OEKO-TEX® ECO PASSPORT RSL, OEKO-TEX® STANDARD 100 RSL, OEKO-TEX® LEATHER STANDARD RSL, OEKO-TEX® STeP MRSL as well as REACH SVHC list which were valid at the date of screening.

Product name	RSL-Check
AST-102 F2B Pink: P6B Rose AST-111 F2G Red AST-143 FFR Orange AST-185 FF3G Rose Red AST-281 FG Lemon Yellow AST-310 FHY Brilliant Blue: AST-303 FGA Turquoise Blue, AST- 312 FRG True Blue, AST-307 NRC True Blue, AST-313 FGG Turquoise Blue, D-301 FFG Blue, D-302 FBL Brilliant Blue, D-303 FRB Turquoise Blue AST-304 FV Army Blue: AST-314 F2R Navy Blue, D-304 FR Navy Blue, FV-304 FR Navy Blue AST-607 HGS Green: D-601 FB Green AST-723 RL Violet: AST-7100 RL Violet, AST-7200 RL Violet, D-701 FN Violet, D-702 FFNR Violet D-111 FFG Scarlet D-113 FIFR Cerise D-114 FR Crimson D-116 FFRN Red Lotus D-118 FRB Pink: D-KB Pink, T6B Rose D-181 NQY Red D-268 Bright Red D-HCY2 Orange: D-R Orange D-PR70 Red D-TRC Red	no hit
AST-201 FGG Lemon Yellow: AST-202 BG Yellow AST-203 FF2R Gold Yellow	no hit* ¹
D-202 FG Medium Yellow: D-221 F7G Lemon Yellow D-603 F4G Brilliant Green	no hit* ²
D-117 FGRN Tangeine	no hit* ^{2,3}
D-204 FGR Gold Yellow: D-205 FGG Gold Yellow, D-25A Gold Yellow D-206 FGR Orange	no hit* ²
AST-503 FBB Black: AST-505 HB Black, AST-508 HB Black, D-500 RT Black, D-502 RT Black D-115 FR2B Bordeaux	no hit* ^{3,5}
AST-707 FL White: D-401 FTW White, YB-50 FTW White	no hit* ⁴

Product name	RSL-Check
D-801 F2R Red Brown D-802 F2R Yellow Brown	no hit* ^{1,2,3,5}

Notes:

*¹ CAS no. 5567-15-7 (C. I. Pigment Yellow 83) could cause issues. Products have to be tested for restricted arylamines to preclude the presence of 3,3'-dichlorobenzidine (CAS no. 91-94-1).

*² CAS no. 5102-83-0 (C. I. Pigment Yellow 13) could cause issues. Products have to be tested for restricted arylamines to preclude the presence of 3,3'-dichlorobenzidine (CAS no. 91-94-1).

*³ CAS no. 3520-72-7 (C. I. Pigment Orange 13) could cause issues. Products have to be tested for restricted arylamines to preclude the presence of 3,3'-dichlorobenzidine (CAS no. 91-94-1).

*⁴ CAS no. 13463-67-7 (Titanium dioxide, particles of respirable size) is listed on OEKO-TEX® ECO PASSPORT RSL and OEKO-TEX® STeP MRSL. Particle size must be checked, if in powder form.

*⁵ CAS no. 1333-86-4 (Carbon black (airborne, unbound particles of respirable size)) is listed on Proposition 65.

"no hit" means that none of the stated substances were found on any of the searched lists.

If a substance is found on one or more of the searched lists, the respective lists are mentioned, including possible values.

TEST RESULT/S

The products submitted for testing are listed in the laboratory report 25.0045372 Rev. 1.

The tests shown in there were carried out in accordance with the current OEKO-TEX® ECO PASSPORT edition. Tests with older OEKO-TEX® ECO PASSPORT editions are included.

CONCLUSION

The results obtained for pigments show that the requirements of the OEKO-TEX® ECO PASSPORT are met.

The certification of the following products

AST-102 F2B Pink: P6B Rose

AST-111 F2G Red

AST-143 FFR Orange

AST-185 FF3G Rose Red

AST-201 FGG Lemon Yellow: AST-202 BG Yellow

AST-203 FF2R Gold Yellow

AST-281 FG Lemon Yellow

AST-310 FHY Brilliant Blue: AST-303 FGA Turquoise Blue, AST- 312 FRG True Blue, AST-307 NRC True Blue, AST-313 FGG Turquoise Blue, D-301 FFG Blue, D-302 FBL Brilliant Blue, D-303 FRB Turquoise Blue

AST-304 FV Army Blue: AST-314 F2R Navy Blue, D-304 FR Navy Blue, FV-304 FR Navy Blue

AST-607 HGS Green: D-601 FB Green

AST-503 FBB Black: AST-505 HB Black, AST-508 HB Black, D-500 RT Black, D-502 RT Black

AST-707 FL White: D-401 FTW White, YB-50 FTW White

AST-723 RL Violet: AST-7100 RL Violet, AST-7200 RL Violet, D-701 FN Violet, D-702 FFNR Violet

D-111 FFG Scarlet

D-113 FIFR Cerise

D-114 FR Crimson

D-115 FR2B Bordeaux

D-116 FFRN Red Lotus

D-117 FGRN Tangeine

D-118 FRB Pink: D-KB Pink, T6B Rose
 D-181 NQY Red
 D-202 FG Medium Yellow: D-221 F7G Lemon Yellow
 D-204 FGR Gold Yellow: D-205 FGG Gold Yellow, D-25A Gold Yellow
 D-206 FGR Orange
 D-268 Bright Red
 D-603 F4G Brilliant Green
 D-801 F2R Red Brown
 D-802 F2R Yellow Brown
 D-HCY2 Orange: D-R Orange
 D-PR70 Red
 D-TRC Red

according to OEKO-TEX® ECO PASSPORT for the product classes I, II, III and IV of the OEKO-TEX® STANDARD 100 and OEKO-TEX® LEATHER STANDARD is approved with restriction.

ZDHC MRS L conformance Level 3 is ensured through OEKO-TEX® MRS L, RSL and analytical verification, regarding the tested parameters and the passed Self-Assessment and On-Site Visit including Chemical Hazard Assessment. This applies exclusively to products without restriction(s) if not otherwise indicated.

With correct application of the tested products it is therefore assumed that the treated article will meet the limits of the product classes I, II, III and IV of the OEKO-TEX® STANDARD 100 and OEKO-TEX® LEATHER STANDARD. (This refers exclusively to the checked parameters.)

The following products will be certified with restriction. The mentioned parameter has to be tested on the treated article to ensure compliance with OEKO-TEX® STANDARD 100 and OEKO-TEX® LEATHER STANDARD:

Products	Restriction
AST-607 HGS Green: D-601 FB Green	Chlorinated Benzenes and Toluenes*
D-111 FFG Scarlet	Chlorinated Benzenes and Toluenes*

Note: *ZDHC MRS L Conformance can be achieved.

Based on the provided product formulation disclosure(s) the following product is also affected:

D-113 FIFR Cerise

When applying the following products, the parameter extractable (heavy) metals has to be tested on the treated article to ensure compliance with OEKO-TEX® STANDARD 100 and OEKO-TEX® LEATHER STANDARD:

AST-310 FHY Brilliant Blue

AST-607 HGS Green: D-601 FB Green

Based on the provided product formulation disclosures the following product is also affected:

AST-304 FV Army Blue: AST-314 F2R Navy Blue, D-304 FR Navy Blue, FV-304 FR Navy Blue

D-603 F4G Brilliant Green

Each holder of certificate has signed for the quality of his articles on his own responsibility. This is in accordance with the given declaration of conformity. He is committed to ensure this by suitable and sufficient spot checks. This commitment includes the quality of bought materials. In the case of delegating parts of this quality assurance to others the certifying body must be fully acquainted (see point 4 "Conformity declaration").

OEKO-TEX® is authorized to carry out spot checks in order to inspect the certified goods. The certificate holder will receive a separate test report with the results of these inspections. If the spot checks reveal a deviation from the threshold values, additional tests will have to be carried out. The relevant costs will be charged to the certificate holder.

The current edition of OEKO-TEX® ECO PASSPORT Standard is 02.2025 with RSL Version 4. It can be downloaded directly from the OEKO-TEX® Homepage (<http://www.oeko-tex.com>).

Global Head of OEKO-TEX® Certification



Dipl.-Ing. (FH) Ivonne Schramm



Teamleiterin OEKO-TEX® | Team Leader
OEKO-TEX®



B.Sc. Antonia Meyer

(This document carries an electronic signature for demonstrating the authenticity of the document.)

The results relate only to the samples examined. The measurement uncertainty of the method is already considered while determining limit values, unless otherwise noted. 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.
The accreditation applies for the methods listed in the annex to the certificate (accreditations see www.hohenstein.de/de/about_hohenstein/accreditation/accreditation.html) – marked ^A in the report.



Report no. 25.0045372 Rev. 1

from 09/01/2026

Order Date 30/10/2025
Period of Testing 11/11/2025 - 18/11/2025

Customer Reference

Certificate number 25.0.33316

Aim of Test OEKO-TEX® ECO PASSPORT Edition 02.2025/V4
Testing Material Pigments
Sampling The test object was sent to Hohenstein by the client.

Your Contact Person Shaodong Jiang
(171355230@qq.com)

Our Contact Person Evan Su
(e.su@hohenstein.cn)
+86 21 23567917

Report Approval This document has been created digitally and is valid without a signature. It has been approved by
Tobias Treter
(Produktspezialist / Product Specialist OEKO-TEX®)



Summary

Passed





Testing Material

1 AST-102 F2B Pink; Low viscous liquid

Grouping of chemicals	2.5 Pigments
Optical property	Opaque
Colour	Magenta
Batch number	2025102101
Date of production	'2025-10-21

2 AST-111 F2G Red; Low viscous liquid

Grouping of chemicals	2.5 Pigments
Optical property	Opaque
Colour	Orange-red
Batch number	2025102101
Date of production	'2025-10-21

3 AST-143 FFR Orange; Low viscous liquid

Grouping of chemicals	2.5 Pigments
Optical property	Opaque
Colour	Orange
Batch number	2025102101
Date of production	'2025-10-21

4 AST-203 FF2R Gold Yellow; Low viscous liquid

Grouping of chemicals	2.5 Pigments
Optical property	Opaque
Colour	Yellow
Batch number	2025102101
Date of production	'2025-10-21



5 AST-281 FG Lemon Yellow; Low viscous liquid

Grouping of chemicals	2.5 Pigments
Optical property	Opaque
Colour	Neon yellow
Batch number	2025102101
Date of production	'2025-10-21

6 AST-310 FHY Brilliant Blue; Low viscous liquid

Grouping of chemicals	2.5 Pigments
Optical property	Opaque
Colour	Blue
Batch number	2025102101
Date of production	'2025-10-21

7 AST-607 HGS Green; Low viscous liquid

Grouping of chemicals	2.5 Pigments
Optical property	Opaque
Colour	Green
Batch number	2025102101
Date of production	'2025-10-21

8 AST-503 FBB Black; Low viscous liquid

Grouping of chemicals	2.5 Pigments
Optical property	Opaque
Colour	Black
Batch number	2025102101
Date of production	'2025-10-21

9 AST-707 FL White; Low viscous liquid

Grouping of chemicals	2.5 Pigments
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**9 AST-707 FL White; Low viscous liquid**

Optical property	Opaque
Colour	White
Batch number	2025102101
Date of production	'2025-10-21

10 AST-723 RL Violet; Low viscous liquid

Grouping of chemicals	2.5 Pigments
Optical property	Opaque
Colour	Violet
Batch number	2025102101
Date of production	'2025-10-21

11 D-111 FFG Scarlet; Low viscous liquid

Grouping of chemicals	2.5 Pigments
Optical property	Opaque
Colour	Red
Batch number	2025102101
Date of production	'2025-10-21

12 D-116 FFRN Red Lotus; Low viscous liquid

Grouping of chemicals	2.5 Pigments
Optical property	Opaque
Colour	Dark red
Batch number	2025102101
Date of production	'2025-10-21

13 D-118 FRB Pink; Low viscous liquid

Grouping of chemicals	2.5 Pigments
Optical property	Opaque

**13 D-118 FRB Pink; Low viscous liquid**

Colour	Dark red
Batch number	2025102101
Date of production	'2025-10-21

14 D-202 FG Medium Yellow; Low viscous liquid

Grouping of chemicals	2.5 Pigments
Optical property	Opaque
Colour	Yellow
Batch number	2025102101
Date of production	'2025-10-21

15 D-206 FGR Orange; Low viscous liquid

Grouping of chemicals	2.5 Pigments
Optical property	Opaque
Colour	Orange
Batch number	2025102101
Date of production	'2025-10-21

16 D-HCY2 Orange; Low viscous liquid

Grouping of chemicals	2.5 Pigments
Optical property	Opaque
Colour	Orange
Batch number	2025102101
Date of production	'2025-10-21



Test Overview

1 AST-102 F2B Pink; Low viscous liquid		
Formaldehyde	page 15	✓
Total content of (heavy) metals (Colourants)	page 16	✓
Chlorinated phenols	page 21	✓
Polycyclic aromatic hydrocarbons	page 29	✓
Chlorinated benzenes and toluenes	page 32	✓
Solvent residues	page 39	✓
Alkylphenols and alkylphenoethoxylates	page 40	✓
N-(hydroxymethyl)acrylamid	page 42	✓
Chlorinated solvents, volatile organic compounds, glycols and cresols	page 44	✓
2 AST-111 F2G Red; Low viscous liquid		
Total content of (heavy) metals (Colourants)	page 16	✓
Chlorinated phenols	page 21	✓
Free and cleavable carcinogenic arylamines, free and cleavable aniline	page 26	✓
Polycyclic aromatic hydrocarbons	page 29	✓
Chlorinated benzenes and toluenes	page 32	✓
Solvent residues	page 39	✓
Alkylphenols and alkylphenoethoxylates	page 40	✓
Chlorinated solvents, volatile organic compounds, glycols and cresols	page 44	✓
3 AST-143 FFR Orange; Low viscous liquid		
Formaldehyde	page 15	✓



3 AST-143 FFR Orange; Low viscous liquid		
Total content of (heavy) metals (Colourants)	page 16	✓
Chlorinated phenols	page 21	✓
Polycyclic aromatic hydrocarbons	page 29	✓
Chlorinated benzenes and toluenes	page 32	✓
Solvent residues	page 39	✓
Alkylphenols and alkylphenoethoxylates	page 40	✓
Melamine	page 43	✓
Chlorinated solvents, volatile organic compounds, glycols and cresols	page 44	✓
4 AST-203 FF2R Gold Yellow; Low viscous liquid		
Total content of (heavy) metals (Colourants)	page 16	✓
Chlorinated phenols	page 21	✓
Free and cleavable carcinogenic arylamines, free and cleavable aniline	page 26	✓
Polycyclic aromatic hydrocarbons	page 29	✓
Chlorinated benzenes and toluenes	page 32	✓
Solvent residues	page 39	✓
Alkylphenols and alkylphenoethoxylates	page 40	✓
Chlorinated solvents, volatile organic compounds, glycols and cresols	page 44	✓
5 AST-281 FG Lemon Yellow; Low viscous liquid		
Formaldehyde	page 15	✓
Total content of (heavy) metals (Colourants)	page 16	✓
Chlorinated phenols	page 21	✓



5 AST-281 FG Lemon Yellow; Low viscous liquid

Polycyclic aromatic hydrocarbons	page	29	✓
Chlorinated benzenes and toluenes	page	32	✓
Solvent residues	page	39	✓
Alkylphenols and alkylphenoethoxylates	page	40	✓
N-(hydroxymethyl)acrylamid	page	42	✓
Chlorinated solvents, volatile organic compounds, glycols and cresols	page	44	✓

6 AST-310 FHY Brilliant Blue; Low viscous liquid

Total content of (heavy) metals (Colourants)	page	16	
Chlorinated phenols	page	21	✓
Free and cleavable carcinogenic arylamines, free and cleavable aniline	page	26	✓
Polycyclic aromatic hydrocarbons	page	29	✓
Chlorinated benzenes and toluenes	page	32	✓
Solvent residues	page	39	✓
Alkylphenols and alkylphenoethoxylates	page	40	✓
Chlorinated solvents, volatile organic compounds, glycols and cresols	page	44	✓

7 AST-607 HGS Green; Low viscous liquid

Formaldehyde	page	15	✓
Total content of (heavy) metals (Colourants)	page	16	
Chlorinated phenols	page	21	✓
Free and cleavable carcinogenic arylamines, free and cleavable aniline	page	26	✓
Polycyclic aromatic hydrocarbons	page	29	✓



7 AST-607 HGS Green; Low viscous liquid

Chlorinated benzenes and toluenes	page	37	✓
Solvent residues	page	39	✓
Alkylphenols and alkylphenoethoxylates	page	40	✓
Chlorinated solvents, volatile organic compounds, glycols and cresols	page	44	✓

8 AST-503 FBB Black; Low viscous liquid

Total content of (heavy) metals (Colourants)	page	16	✓
Chlorinated phenols	page	21	✓
Quinoline	page	25	✓
Polycyclic aromatic hydrocarbons	page	29	✓
Chlorinated benzenes and toluenes	page	32	✓
Solvent residues	page	39	✓
Alkylphenols and alkylphenoethoxylates	page	40	✓
Melamine	page	43	✓
Chlorinated solvents, volatile organic compounds, glycols and cresols	page	44	✓

9 AST-707 FL White; Low viscous liquid

Formaldehyde	page	15	✓
Total content of (heavy) metals (Colourants)	page	16	✓
Chlorinated phenols	page	21	✓
Free and cleavable carcinogenic arylamines, free and cleavable aniline	page	26	✓
Polycyclic aromatic hydrocarbons	page	29	✓
Chlorinated benzenes and toluenes	page	32	✓



9 AST-707 FL White; Low viscous liquid		
Solvent residues	page 39	✓
Alkylphenols and alkylphenoethoxylates	page 40	✓
Chlorinated solvents, volatile organic compounds, glycols and cresols	page 44	✓
10 AST-723 RL Violet; Low viscous liquid		
Total content of (heavy) metals (Colourants)	page 16	✓
Chlorinated phenols	page 21	✓
Phenol	page 24	✓
Polycyclic aromatic hydrocarbons	page 29	✓
Chlorinated benzenes and toluenes	page 32	✓
Solvent residues	page 39	✓
Alkylphenols and alkylphenoethoxylates	page 40	✓
N-(hydroxymethyl)acrylamid	page 42	✓
Chlorinated solvents, volatile organic compounds, glycols and cresols	page 44	✓
11 D-111 FFG Scarlet; Low viscous liquid		
Formaldehyde	page 15	✓
Total content of (heavy) metals (Colourants)	page 16	✓
Chlorinated phenols	page 21	✓
Free and cleavable carcinogenic arylamines, free and cleavable aniline	page 26	✓
Polycyclic aromatic hydrocarbons	page 29	✓
Chlorinated benzenes and toluenes	page 37	✓
Solvent residues	page 39	✓



11 D-111 FFG Scarlet; Low viscous liquid		
Alkylphenols and alkylphenoethoxylates	page	40 ✓
Chlorinated solvents, volatile organic compounds, glycols and cresols	page	44 ✓
12 D-116 FFRN Red Lotus; Low viscous liquid		
Total content of (heavy) metals (Colourants)	page	16 ✓
Chlorinated phenols	page	21 ✓
Polycyclic aromatic hydrocarbons	page	29 ✓
Chlorinated benzenes and toluenes	page	32 ✓
Solvent residues	page	39 ✓
Alkylphenols and alkylphenoethoxylates	page	40 ✓
Melamine	page	43 ✓
Chlorinated solvents, volatile organic compounds, glycols and cresols	page	44 ✓
13 D-118 FRB Pink; Low viscous liquid		
Formaldehyde	page	15 ✓
Total content of (heavy) metals (Colourants)	page	16 ✓
Chlorinated phenols	page	21 ✓
Polycyclic aromatic hydrocarbons	page	29 ✓
Chlorinated benzenes and toluenes	page	32 ✓
Solvent residues	page	39 ✓
Alkylphenols and alkylphenoethoxylates	page	40 ✓
N-(hydroxymethyl)acrylamid	page	42 ✓
Chlorinated solvents, volatile organic compounds, glycols and cresols	page	44 ✓



14 D-202 FG Medium Yellow; Low viscous liquid		
Total content of (heavy) metals (Colourants)	page 16	✓
Chlorinated phenols	page 21	✓
Free and cleavable carcinogenic arylamines, free and cleavable aniline	page 26	✓
Polycyclic aromatic hydrocarbons	page 29	✓
Chlorinated benzenes and toluenes	page 32	✓
Solvent residues	page 39	✓
Alkylphenols and alkylphenoethoxylates	page 40	✓
Chlorinated solvents, volatile organic compounds, glycols and cresols	page 44	✓
15 D-206 FGR Orange; Low viscous liquid		
Formaldehyde	page 15	✓
Total content of (heavy) metals (Colourants)	page 16	✓
Chlorinated phenols	page 21	✓
Free and cleavable carcinogenic arylamines, free and cleavable aniline	page 26	✓
Polycyclic aromatic hydrocarbons	page 29	✓
Chlorinated benzenes and toluenes	page 32	✓
Solvent residues	page 39	✓
Alkylphenols and alkylphenoethoxylates	page 40	✓
Chlorinated solvents, volatile organic compounds, glycols and cresols	page 44	✓
16 D-HCY2 Orange; Low viscous liquid		
Total content of (heavy) metals (Colourants)	page 16	✓
Chlorinated phenols	page 21	✓



16 D-HCY2 Orange; Low viscous liquid

Polycyclic aromatic hydrocarbons	page	29	✓
Chlorinated benzenes and toluenes	page	32	✓
Solvent residues	page	39	✓
Alkylphenols and alkylphenoethoxylates	page	40	✓
Melamine	page	43	✓
Chlorinated solvents, volatile organic compounds, glycols and cresols	page	44	✓



Revision History

The current revision cancels and replaces the original version of the report and all previous revisions.

Rev.	Date	Approved By	Reason
	29/12/2025	Siham Benbrinis	Initial approval
1	09/01/2026	Tobias Treter	Correction of the company name upon client request

Terms of Use

The results relate only to the samples examined. The following decision rule applies to statements 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.

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List of abbreviations

n.d. = not determined = below Reporting Limit

RL = Reporting limit

Appendix Table of Contents

Detail Results	page 15
Limit value catalogs overview	page 49



Detail Results

Formaldehyde

The following results were evaluated against the limit values (LV):

I Threshold values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3 page 49

II Limit values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3 page 49

	1 ^{C1} [mg/kg]	3 ^{C1} [mg/kg]	5 ^{C2} [mg/kg]	7 ^{C2} [mg/kg]	9 ^{C3} [mg/kg]	11 ^{C3} [mg/kg]	RL [mg/kg]
Formaldehyde	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 20

Footnotes

Composite Samples	C1 1, 3 C2 5, 7 C3 9, 11
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Formaldehyde (Cont.)

	13 ^{C4} [mg/kg]	15 ^{C4} [mg/kg]	RL [mg/kg]
Formaldehyde	n.d.	n.d.	< 20

Footnotes

Composite Samples	C4 13, 15
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Additional details for this test

Parameter hints:

Testing method according to OEKO-TEX® ECO PASSPORT



Total content of (heavy) metals (Colourants)

The following results were evaluated against the limit values (LV):

I Threshold values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3 page 50

II Limit values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3 page 50

	1 [mg/kg]	2 [mg/kg]	3 [mg/kg]	4 [mg/kg]	5 [mg/kg]	8 [mg/kg]	RL [mg/kg]
Silver	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Arsenic	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Barium	< 5	< 5	< 5	< 5	8	< 5	< 5
Cadmium	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Cobalt	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chromium	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Copper	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Iron	< 250	< 250	< 250	< 250	< 250	< 250	< 250
Mercury	< 0,25	< 0,25	< 0,25	< 0,25	< 0,25	< 0,25	< 0.25
Manganese	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Nickel	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Lead	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Antimony	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Selenium	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tin	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Zinc	18	12	9	10	8	9	< 5
Boron	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Total content of (heavy) metals (Colourants) (Cont.)

	9 [mg/kg]	10 [mg/kg]	11 [mg/kg]	12 [mg/kg]	13 [mg/kg]	14 [mg/kg]	RL [mg/kg]
Silver	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Arsenic	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Barium	< 5	< 5	< 5	56	< 5	< 5	< 5
Cadmium	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Cobalt	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Chromium	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Copper	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Iron	< 250	< 250	< 250	< 250	< 250	< 250	< 250



	9 [mg/kg]	10 [mg/kg]	11 [mg/kg]	12 [mg/kg]	13 [mg/kg]	14 [mg/kg]	RL [mg/kg]
Mercury	< 0,25	< 0,25	< 0,25	< 0,25	< 0,25	< 0,25	< 0.25
Manganese	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Nickel	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Lead	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Antimony	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Selenium	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Tin	< 5	< 5	< 5	< 5	< 5	< 5	< 5
Zinc	8	6	< 5	7	< 5	9	< 5
Boron	< 5	< 5	< 5	< 5	< 5	< 5	< 5

Total content of (heavy) metals (Colourants) (Cont.)

	15 [mg/kg]	16 [mg/kg]	RL [mg/kg]
Silver	< 5	< 5	< 5
Arsenic	< 5	< 5	< 5
Barium	< 5	< 5	< 5
Cadmium	< 5	< 5	< 5
Cobalt	< 5	< 5	< 5
Chromium	< 5	< 5	< 5
Copper	< 5	< 5	< 5
Iron	< 250	< 250	< 250
Mercury	< 0,25	< 0,25	< 0.25
Manganese	< 5	< 5	< 5
Nickel	< 5	< 5	< 5
Lead	< 5	< 5	< 5
Antimony	< 5	< 5	< 5
Selenium	< 5	< 5	< 5
Tin	< 5	< 5	< 5
Zinc	7	< 5	< 5
Boron	< 5	< 5	< 5

Additional details for this test

**Parameter hints:**

Testing method according to OEKO-TEX® ECO PASSPORT

Threshold values for Cr, Co, Cu, Ni, Ag, Ba, Fe, Mn, Se, Sn, Sb and Zn do not apply to products containing one of the metals as an inherent part of the molecular structure, (e.g. metal-complex colourants, active chemical products, the double salts of certain cationic dyes or extenders such as barium sulfate).

Result value details:**Antimony**

The limit for antimony and antimony compounds for use as a catalyst does not apply for PES chips, resins, pellets and masterbatches.

Boron

If Boron is detected > 20 mg/kg, the source must be declared.



Total content of (heavy) metals (Colourants)

The following results were evaluated against the limit values (LV):

I Threshold values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3 page 50

II Limit values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3 page 50

	6 [mg/kg]	7 [mg/kg]	RL [mg/kg]
Silver	< 5	< 5	< 5
Arsenic	< 5	< 5	< 5
Barium	< 5	< 5	< 5
Cadmium	< 5	< 5	< 5
Cobalt	< 5	< 5	< 5
Chromium	< 5	< 5	< 5
Copper	1918 ^{f1}	783 ^{f2}	< 5
Iron	< 250	< 250	< 250
Mercury	< 0,25	< 0,25	< 0.25
Manganese	< 5	< 5	< 5
Nickel	< 5	< 5	< 5
Lead	< 5	< 5	< 5
Antimony	< 5	< 5	< 5
Selenium	< 5	< 5	< 5
Tin	< 5	< 5	< 5
Zinc	8	9	< 5
Boron	< 5	< 5	< 5

Footnotes

Failed materials	6 7	AST-310 FHY Brilliant Blue; Low viscous liquid, Opaque, Blue, 2025102101, '2025-10-21 AST-607 HGS Green; Low viscous liquid, Opaque, Green, 2025102101, '2025-10-21
Failed limit values	f1 f2	Copper: LV I (< 250 mg/kg), LV II (< 1250 mg/kg) Copper: LV I (< 250 mg/kg)

Additional details for this test

Parameter hints:

Testing method according to OEKO-TEX® ECO PASSPORT

Threshold values for Cr, Co, Cu, Ni, Ag, Ba, Fe, Mn, Se, Sn, Sb and Zn do not apply to products containing one of the metals as an inherent part of the molecular structure, (e.g. metal-complex colourants, active chemical products, the double salts of certain cationic dyes or extenders such as barium sulfate).

Result value details:

Antimony

The limit for antimony and antimony compounds for use as a catalyst does not apply for PES chips, resins, pellets and masterbatches.



Boron

If Boron is detected > 20 mg/kg, the source must be declared.



Chlorinated phenols

The following results were evaluated against the limit values (LV):

I Threshold values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3 page 51

II Limit values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3 page 51

	1 [mg/kg]	2 [mg/kg]	3 [mg/kg]	4 [mg/kg]	5 [mg/kg]	6 [mg/kg]	RL [mg/kg]
2-Chlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.10
3-Chlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.10
4-Chlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.10
Sum Monochlorophenols (MCP)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	-
2,6-Dichlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.10
2,4-/2,5-Dichlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.10
3,5-Dichlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.10
2,3-Dichlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.10
3,4-Dichlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.10
Sum Dichlorophenols (DCP)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	-
2,4,6-Trichlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.10
2,3,6-Trichlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.10
2,3,5-Trichlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.10
2,4,5-Trichlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.10
2,3,4-Trichlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.10
3,4,5-Trichlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.10
Sum Trichlorophenols (TrCP)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	-
2,3,4,5-Tetrachlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.10
2,3,4,6-Tetrachlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.10
2,3,5,6-Tetrachlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.10
Sum Tetrachlorophenols (TeCP)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	-
Pentachlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.10
2-Phenylphenol (OPP)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10



Chlorinated phenols (Cont.)

	7 [mg/kg]	8 [mg/kg]	9 [mg/kg]	10 [mg/kg]	11 [mg/kg]	12 [mg/kg]	RL [mg/kg]
2-Chlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.10
3-Chlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.10
4-Chlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.10
Sum Monochlorophenols (MCP)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	-
2,6-Dichlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.10
2,4-/2,5-Dichlorophenol	n.d.	n.d.	n.d.	n.d.	0.18	n.d.	< 0.10
3,5-Dichlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.10
2,3-Dichlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.10
3,4-Dichlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.10
Sum Dichlorophenols (DCP)	n.d.	n.d.	n.d.	n.d.	0.18	n.d.	-
2,4,6-Trichlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.10
2,3,6-Trichlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.10
2,3,5-Trichlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.10
2,4,5-Trichlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.10
2,3,4-Trichlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.10
3,4,5-Trichlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.10
Sum Trichlorophenols (TrCP)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	-
2,3,4,5-Tetrachlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.10
2,3,4,6-Tetrachlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.10
2,3,5,6-Tetrachlorophenol	n.d.	n.d.	n.d.	0.10	n.d.	n.d.	< 0.10
Sum Tetrachlorophenols (TeCP)	n.d.	n.d.	n.d.	0.10	n.d.	n.d.	-
Pentachlorophenol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.10
2-Phenylphenol (OPP)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10

Chlorinated phenols (Cont.)

	13 [mg/kg]	14 [mg/kg]	15 [mg/kg]	16 [mg/kg]	RL [mg/kg]
2-Chlorophenol	n.d.	n.d.	n.d.	n.d.	< 0.10
3-Chlorophenol	n.d.	n.d.	n.d.	n.d.	< 0.10
4-Chlorophenol	n.d.	n.d.	n.d.	n.d.	< 0.10



	13 [mg/kg]	14 [mg/kg]	15 [mg/kg]	16 [mg/kg]	RL [mg/kg]
Sum Monochlorophenols (MCP)	n.d.	n.d.	n.d.	n.d.	-
2,6-Dichlorophenol	n.d.	n.d.	n.d.	n.d.	< 0.10
2,4-/2,5-Dichlorophenol	n.d.	n.d.	n.d.	n.d.	< 0.10
3,5-Dichlorophenol	n.d.	n.d.	n.d.	n.d.	< 0.10
2,3-Dichlorophenol	n.d.	n.d.	n.d.	n.d.	< 0.10
3,4-Dichlorophenol	n.d.	n.d.	n.d.	n.d.	< 0.10
Sum Dichlorophenols (DCP)	n.d.	n.d.	n.d.	n.d.	-
2,4,6-Trichlorophenol	n.d.	n.d.	n.d.	n.d.	< 0.10
2,3,6-Trichlorophenol	n.d.	n.d.	n.d.	n.d.	< 0.10
2,3,5-Trichlorophenol	n.d.	n.d.	n.d.	n.d.	< 0.10
2,4,5-Trichlorophenol	n.d.	n.d.	n.d.	n.d.	< 0.10
2,3,4-Trichlorophenol	n.d.	n.d.	n.d.	n.d.	< 0.10
3,4,5-Trichlorophenol	n.d.	n.d.	n.d.	n.d.	< 0.10
Sum Trichlorophenols (TrCP)	n.d.	n.d.	n.d.	n.d.	-
2,3,4,5-Tetrachlorophenol	n.d.	n.d.	n.d.	n.d.	< 0.10
2,3,4,6-Tetrachlorophenol	n.d.	n.d.	n.d.	n.d.	< 0.10
2,3,5,6-Tetrachlorophenol	n.d.	n.d.	n.d.	n.d.	< 0.10
Sum Tetrachlorophenols (TeCP)	n.d.	n.d.	n.d.	n.d.	-
Pentachlorophenol	n.d.	n.d.	n.d.	n.d.	< 0.10
2-Phenylphenol (OPP)	n.d.	n.d.	n.d.	n.d.	< 10

Additional details for this test

Parameter hints:

Testing method according to OEKO-TEX® ECO PASSPORT

Result value details:

2,4-/2,5-Dichlorophenol

2,4-Dichlorophenol and 2,5-Dichlorophenol are not analytically separable, so that the determined value for both substances must be given combined.



Phenol

The following results were evaluated against the limit values (LV):

I Threshold values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3 page 52

II Limit values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3 page 52

	10 [mg/kg]	RL [mg/kg]
Phenol	n.d.	< 25
Resorcinol	n.d.	< 100

Additional details for this test

Parameter hints:

Testing method according to OEKO-TEX® ECO PASSPORT



Quinoline

The following results were evaluated against the limit values (LV):

I Limit values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3

	8 [mg/kg]	RL [mg/kg]	LV [mg/kg]
Quinoline	n.d.	< 20	< 1250

Additional details for this test

Parameter hints:

Testing method according to OEKO-TEX® ECO PASSPORT



Free and cleavable carcinogenic arylamines, free and cleavable aniline

The following results were evaluated against the limit values (LV):

I Threshold values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3 page 53

II Limit values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3 page 53

	2	4	6	7	9	11	RL
	[mg/kg]	[mg/kg]	[mg/kg]	[mg/kg]	[mg/kg]	[mg/kg]	[mg/kg]
4-Aminobiphenyl	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 50
Benzidine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 50
4-Chloroaniline	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 50
2,4-Diaminoanisole	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 50
4,4'-Diaminodiphenylmethane	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 50
3,3'-Dichlorobenzidine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 50
3,3'-Dimethoxybenzidine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 50
3,3'-Dimethylbenzidine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 50
4,4'-Methylenedi-o-toluidine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 50
p-Cresidine (6-Methoxy-m-toluidine)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 50
2-Naphthylamine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 50
4,4'-Methylene-bis-(2-chloroaniline)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 50
4,4'-Oxydianiline	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 50
4,4'-Thiodianiline	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 50
o-Toluidine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 50
2,4-Toluylenediamine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 50
2,4,5-Trimethylaniline	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 50
o-Anisidine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 50
4-Aminoazobenzene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 50
2,4-Xylidine/2,6-Xylidine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 50
2-Methyl-p-phenylenediamine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 50
3,3'-Diaminobenzidine (biphenyl-3,3',4,4'-tetrayltetraamine)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 50
p-Phenetidine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 50
Aniline	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 505
p-Anisidine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 50
p-Phenylenediamine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 50
4-Chloro-o-toluidine/5-Chloro-o-toluidine	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 50



	2 [mg/kg]	4 [mg/kg]	6 [mg/kg]	7 [mg/kg]	9 [mg/kg]	11 [mg/kg]	RL [mg/kg]
N-Methylaniline	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 50

Free and cleavable carcinogenic arylamines, free and cleavable aniline (Cont.)

	14 [mg/kg]	15 [mg/kg]	RL [mg/kg]
4-Aminobiphenyl	n.d.	n.d.	< 50
Benzidine	n.d.	n.d.	< 50
4-Chloroaniline	n.d.	n.d.	< 50
2,4-Diaminoanisole	n.d.	n.d.	< 50
4,4'-Diaminodiphenylmethane	n.d.	n.d.	< 50
3,3'-Dichlorobenzidine	n.d.	n.d.	< 50
3,3'-Dimethoxybenzidine	n.d.	n.d.	< 50
3,3'-Dimethylbenzidine	n.d.	n.d.	< 50
4,4'-Methylenedi-o-toluidine	n.d.	n.d.	< 50
p-Cresidine (6-Methoxy-m-toluidine)	n.d.	n.d.	< 50
2-Naphthylamine	n.d.	n.d.	< 50
4,4'-Methylene-bis-(2-chloroaniline)	n.d.	n.d.	< 50
4,4'-Oxydianiline	n.d.	n.d.	< 50
4,4'-Thiodianiline	n.d.	n.d.	< 50
o-Toluidine	n.d.	n.d.	< 50
2,4-Toluylenediamine	n.d.	n.d.	< 50
2,4,5-Trimethylaniline	n.d.	n.d.	< 50
o-Anisidine	n.d.	n.d.	< 50
4-Aminoazobenzene	n.d.	n.d.	< 50
2,4-Xylidine/2,6-Xylidine	n.d.	n.d.	< 50
2-Methyl-p-phenylenediamine	n.d.	n.d.	< 50
3,3'-Diaminobenzidine (biphenyl-3,3',4,4'-tetrayltetraamine)	n.d.	n.d.	< 50
p-Phenetidine	n.d.	n.d.	< 50
Aniline	n.d.	n.d.	< 505
p-Anisidine	n.d.	n.d.	< 50
p-Phenylenediamine	n.d.	n.d.	< 50



	14 [mg/kg]	15 [mg/kg]	RL [mg/kg]
4-Chloro-o-toluidine/5-Chloro-o-toluidine	n.d.	n.d.	< 50
N-Methylaniline	n.d.	n.d.	< 50

Additional details for this test

Parameter hints:

Testing method according to OEKO-TEX® ECO PASSPORT

o-Aminoazotoluene is detected indirectly by analysis of o-Toluidine.

2-Amino-4-nitrotoluene is detected indirectly by analysis of 2,4-Toluylenediamine.

2-Naphthylammoniumacetate is detected indirectly by analysis of 2-Naphthylamine.

4-Chloro-o-toluidinium chloride is detected indirectly by analysis of 4-Chloro-o-toluidine.

2,4-Diaminoanisole sulphate is detected indirectly by analysis of 2,4-Diaminoanisole.

2,4,5-Trimethylaniline hydrochloride is detected indirectly by analysis of 2,4,5-Trimethylaniline.

Result value details:

2,4-Xylidine/2,6-Xylidine

2,4-Xylidine and 2,6-Xylidine have not been separated analytically, so that the determined value is given for both substances combined.

p-Anisidine

Has no requirements for OEKO-TEX® ECO PASSPORT.

p-Phenylenediamine

Has no requirements for OEKO-TEX® ECO PASSPORT.

4-Chloro-o-toluidine/5-Chloro-o-toluidine

4-Chloro-o-toluidine and 5-Chloro-o-toluidine have not been separated analytically, so that the determined value is given for both substances combined.

N-Methylaniline

N-Methylaniline is under observation and the result is provided for information but presently not regulated indeed.



Polycyclic aromatic hydrocarbons

The following results were evaluated against the limit values (LV):

I Threshold values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3 page 54

II Limit values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3 page 54

	1 [mg/kg]	2 [mg/kg]	3 [mg/kg]	4 [mg/kg]	5 [mg/kg]	6 [mg/kg]	RL [mg/kg]
Acenaphthene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.50
Acenaphthylene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.50
Anthracene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.50
Benzo[a]anthracene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.50
Benzo[a]pyrene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.50
Benzo[e]pyrene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.50
Benzo[ghi]perylene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.50
Benzo[b,k,j]fluoranthene...	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.50
Chrysene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.50
Cyclopenta[c,d]pyrene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.50
Dibenzo[a,h]anthracene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.50
Dibenzo[a,e]pyrene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.50
Dibenzo[a,h]pyrene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.50
Dibenzo[a,i]pyrene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.50
Dibenzo[a,l]pyrene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.50
Fluoranthene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.50
Fluorene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.50
Indeno[1,2,3-cd]pyrene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.50
1-Methylpyrene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.50
Naphthalene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.50
Phenanthrene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.50
Pyrene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.50
Sum 24 PAHs	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	-



Polycyclic aromatic hydrocarbons (Cont.)

	7 [mg/kg]	8 [mg/kg]	9 [mg/kg]	10 [mg/kg]	11 [mg/kg]	12 [mg/kg]	RL [mg/kg]
Acenaphthene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.50
Acenaphthylene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.50
Anthracene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.50
Benzo[a]anthracene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.50
Benzo[a]pyrene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.50
Benzo[e]pyrene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.50
Benzo[ghi]perylene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.50
Benzo[b,k,j]fluoranthene...	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.50
Chrysene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.50
Cyclopenta[c,d]pyrene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.50
Dibenzo[a,h]anthracene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.50
Dibenzo[a,e]pyrene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.50
Dibenzo[a,h]pyrene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.50
Dibenzo[a,i]pyrene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.50
Dibenzo[a,l]pyrene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.50
Fluoranthene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.50
Fluorene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.50
Indeno[1,2,3-cd]pyrene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.50
1-Methylpyrene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.50
Naphthalene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.50
Phenanthrene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.50
Pyrene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.50
Sum 24 PAHs	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	-

Polycyclic aromatic hydrocarbons (Cont.)

	13 [mg/kg]	14 [mg/kg]	15 [mg/kg]	16 [mg/kg]	RL [mg/kg]
Acenaphthene	n.d.	n.d.	n.d.	n.d.	< 0.50
Acenaphthylene	n.d.	n.d.	n.d.	n.d.	< 0.50
Anthracene	n.d.	n.d.	n.d.	n.d.	< 0.50



	13 [mg/kg]	14 [mg/kg]	15 [mg/kg]	16 [mg/kg]	RL [mg/kg]
Benzo[a]anthracene	n.d.	n.d.	n.d.	n.d.	< 0.50
Benzo[a]pyrene	n.d.	n.d.	n.d.	n.d.	< 0.50
Benzo[e]pyrene	n.d.	n.d.	n.d.	n.d.	< 0.50
Benzo[ghi]perylene	n.d.	n.d.	n.d.	n.d.	< 0.50
Benzo[b,k,j]fluoranthene...	n.d.	n.d.	n.d.	n.d.	< 0.50
Chrysene	n.d.	n.d.	n.d.	n.d.	< 0.50
Cyclopenta[c,d]pyrene	n.d.	n.d.	n.d.	n.d.	< 0.50
Dibenzo[a,h]anthracene	n.d.	n.d.	n.d.	n.d.	< 0.50
Dibenzo[a,e]pyrene	n.d.	n.d.	n.d.	n.d.	< 0.50
Dibenzo[a,h]pyrene	n.d.	n.d.	n.d.	n.d.	< 0.50
Dibenzo[a,i]pyrene	n.d.	n.d.	n.d.	n.d.	< 0.50
Dibenzo[a,l]pyrene	n.d.	n.d.	n.d.	n.d.	< 0.50
Fluoranthene	n.d.	n.d.	n.d.	n.d.	< 0.50
Fluorene	n.d.	n.d.	n.d.	n.d.	< 0.50
Indeno[1,2,3-cd]pyrene	n.d.	n.d.	n.d.	n.d.	< 0.50
1-Methylpyrene	n.d.	n.d.	n.d.	n.d.	< 0.50
Naphthalene	n.d.	n.d.	n.d.	n.d.	< 0.50
Phenanthrene	n.d.	n.d.	n.d.	n.d.	< 0.50
Pyrene	n.d.	n.d.	n.d.	n.d.	< 0.50
Sum 24 PAHs	n.d.	n.d.	n.d.	n.d.	-

Additional details for this test

Parameter hints:

Testing method according to OEKO-TEX® ECO PASSPORT

Result value details:

Benzo[b,k,j]fluoranthene

Benzo[b]fluoranthene, benzo[k]fluoranthene and benzo[j]fluoranthene have not been separated analytically and therefore the calculated value for these substances is given in combination.



Chlorinated benzenes and toluenes

The following results were evaluated against the limit values (LV):

I Threshold values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3 page 55

II Limit values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3 page 55

	1	2	3	4	5	6	RL
	[mg/kg]	[mg/kg]	[mg/kg]	[mg/kg]	[mg/kg]	[mg/kg]	[mg/kg]
Chlorobenzene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
1,2-Dichlorobenzene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
1,3-Dichlorobenzene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
1,4-Dichlorobenzene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
1,2,3-Trichlorobenzene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
1,2,4-Trichlorobenzene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
1,3,5-Trichlorobenzene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
1,2,3,4-Tetrachlorobenzene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
1,2,3,5-Tetrachlorobenzene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
1,2,4,5-Tetrachlorobenzene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
Pentachlorobenzene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
Hexachlorobenzene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
2-Chlorotoluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
3-Chlorotoluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
4-Chlorotoluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
a-Chlorotoluene (benzyl chloride)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
2,3-/3,4-Dichlorotoluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
2,4-Dichlorotoluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
2,5-/2,6-Dichlorotoluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
3,5-Dichlorotoluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
a,a-Dichlorotoluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
2,3,4-Trichlorotoluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
2,3,5-/2,4,5-Trichlorotoluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
2,3,6-Trichlorotoluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
2,4,6-Trichlorotoluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
3,4,5-Trichlorotoluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
a,a,a-Trichlorotoluene (benzotrichloride)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
a,2,4-Trichlorotoluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25



	1 [mg/kg]	2 [mg/kg]	3 [mg/kg]	4 [mg/kg]	5 [mg/kg]	6 [mg/kg]	RL [mg/kg]
a,2,6-Trichlorotoluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
a,3,4-Trichlorotoluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
2,3,4,5-Tetrachlorotoluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
2,3,4,6-Tetrachlorotoluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
2,3,5,6-Tetrachlorotoluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
a,a,a,2-Tetrachlorotoluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
a,a,a,4-Tetrachlorotoluene (4-chlorobenzotrichloride)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
a,a,2,6-Tetrachlorotoluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
Pentachlorotoluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
Sum	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	-

Chlorinated benzenes and toluenes (Cont.)

	8 [mg/kg]	9 [mg/kg]	10 [mg/kg]	12 [mg/kg]	13 [mg/kg]	14 [mg/kg]	RL [mg/kg]
Chlorobenzene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
1,2-Dichlorobenzene	n.d.	n.d.	3.1	n.d.	n.d.	n.d.	< 0.25
1,3-Dichlorobenzene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
1,4-Dichlorobenzene	n.d.	n.d.	n.d.	n.d.	3.6	n.d.	< 0.25
1,2,3-Trichlorobenzene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
1,2,4-Trichlorobenzene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
1,3,5-Trichlorobenzene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
1,2,3,4-Tetrachlorobenzene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
1,2,3,5-Tetrachlorobenzene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
1,2,4,5-Tetrachlorobenzene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
Pentachlorobenzene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
Hexachlorobenzene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
2-Chlorotoluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
3-Chlorotoluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
4-Chlorotoluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
a-Chlorotoluene (benzyl chloride)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
2,3-/3,4-Dichlorotoluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25



	8 [mg/kg]	9 [mg/kg]	10 [mg/kg]	12 [mg/kg]	13 [mg/kg]	14 [mg/kg]	RL [mg/kg]
2,4-Dichlorotoluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
2,5-/2,6-Dichlorotoluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
3,5-Dichlorotoluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
a,a-Dichlorotoluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
2,3,4-Trichlorotoluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
2,3,5-/2,4,5-Trichlorotoluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
2,3,6-Trichlorotoluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
2,4,6-Trichlorotoluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
3,4,5-Trichlorotoluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
a,a,a-Trichlorotoluene (benzotrichloride)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
a,2,4-Trichlorotoluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
a,2,6-Trichlorotoluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
a,3,4-Trichlorotoluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
2,3,4,5-Tetrachlorotoluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
2,3,4,6-Tetrachlorotoluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
2,3,5,6-Tetrachlorotoluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
a,a,a,2-Tetrachlorotoluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
a,a,a,4-Tetrachlorotoluene (4-chlorobenzotrichloride)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
a,a,2,6-Tetrachlorotoluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
Pentachlorotoluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 0.25
Sum	n.d.	n.d.	3.1	n.d.	3.6	n.d.	-

Chlorinated benzenes and toluenes (Cont.)

	15 [mg/kg]	16 [mg/kg]	RL [mg/kg]
Chlorobenzene	n.d.	n.d.	< 0.25
1,2-Dichlorobenzene	n.d.	n.d.	< 0.25
1,3-Dichlorobenzene	n.d.	n.d.	< 0.25
1,4-Dichlorobenzene	n.d.	n.d.	< 0.25
1,2,3-Trichlorobenzene	n.d.	n.d.	< 0.25
1,2,4-Trichlorobenzene	n.d.	n.d.	< 0.25



	15 [mg/kg]	16 [mg/kg]	RL [mg/kg]
1,3,5-Trichlorobenzene	n.d.	n.d.	< 0.25
1,2,3,4-Tetrachlorobenzene	n.d.	n.d.	< 0.25
1,2,3,5-Tetrachlorobenzene	n.d.	n.d.	< 0.25
1,2,4,5-Tetrachlorobenzene	n.d.	n.d.	< 0.25
Pentachlorobenzene	n.d.	n.d.	< 0.25
Hexachlorobenzene	n.d.	n.d.	< 0.25
2-Chlorotoluene	n.d.	n.d.	< 0.25
3-Chlorotoluene	n.d.	n.d.	< 0.25
4-Chlorotoluene	n.d.	n.d.	< 0.25
a-Chlorotoluene (benzyl chloride)	n.d.	n.d.	< 0.25
2,3-/3,4-Dichlorotoluene	n.d.	n.d.	< 0.25
2,4-Dichlorotoluene	n.d.	n.d.	< 0.25
2,5-/2,6-Dichlorotoluene	n.d.	n.d.	< 0.25
3,5-Dichlorotoluene	n.d.	n.d.	< 0.25
a,a-Dichlorotoluene	n.d.	n.d.	< 0.25
2,3,4-Trichlorotoluene	n.d.	n.d.	< 0.25
2,3,5-/2,4,5-Trichlorotoluene	n.d.	n.d.	< 0.25
2,3,6-Trichlorotoluene	n.d.	n.d.	< 0.25
2,4,6-Trichlorotoluene	n.d.	n.d.	< 0.25
3,4,5-Trichlorotoluene	n.d.	n.d.	< 0.25
a,a,a-Trichlorotoluene (benzotrichloride)	n.d.	n.d.	< 0.25
a,2,4-Trichlorotoluene	n.d.	n.d.	< 0.25
a,2,6-Trichlorotoluene	n.d.	n.d.	< 0.25
a,3,4-Trichlorotoluene	n.d.	n.d.	< 0.25
2,3,4,5-Tetrachlorotoluene	n.d.	n.d.	< 0.25
2,3,4,6-Tetrachlorotoluene	n.d.	n.d.	< 0.25
2,3,5,6-Tetrachlorotoluene	n.d.	n.d.	< 0.25
a,a,a,2-Tetrachlorotoluene	n.d.	n.d.	< 0.25
a,a,a,4-Tetrachlorotoluene (4-chlorobenzotrichloride)	n.d.	n.d.	< 0.25
a,a,2,6-Tetrachlorotoluene	n.d.	n.d.	< 0.25



	15 [mg/kg]	16 [mg/kg]	RL [mg/kg]
Pentachlorotoluene	n.d.	n.d.	< 0.25
Sum	n.d.	n.d.	-

Additional details for this test

Parameter hints:

Testing method according to OEKO-TEX® ECO PASSPORT

Result value details:

2,3-/3,4-Dichlorotoluene

2,3-Dichlorotoluene and 3,4-Dichlorotoluene are not analytically separable, so that the determined value for both substances must be given combined.

2,5-/2,6-Dichlorotoluene

2,5-Dichlorotoluene and 2,6-Dichlorotoluene are not analytically separable, so that the determined value for both substances must be given combined.

2,3,5-/2,4,5-Trichlorotoluene

2,4,5-Trichlorotoluene und 2,3,5-Trichlorotoluene are not analytically separable, so that the determined value for both substances must be given combined.



Chlorinated benzenes and toluenes

The following results were evaluated against the limit values (LV):

I Threshold values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3 page 55

II Limit values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3 page 55

	7 [mg/kg]	11 [mg/kg]	RL [mg/kg]
Chlorobenzene	n.d.	2.6	< 0.25
1,2-Dichlorobenzene	12.6	n.d.	< 0.25
1,3-Dichlorobenzene	n.d.	n.d.	< 0.25
1,4-Dichlorobenzene	n.d.	11.9	< 0.25
1,2,3-Trichlorobenzene	n.d.	n.d.	< 0.25
1,2,4-Trichlorobenzene	n.d.	n.d.	< 0.25
1,3,5-Trichlorobenzene	n.d.	n.d.	< 0.25
1,2,3,4-Tetrachlorobenzene	n.d.	n.d.	< 0.25
1,2,3,5-Tetrachlorobenzene	n.d.	n.d.	< 0.25
1,2,4,5-Tetrachlorobenzene	n.d.	n.d.	< 0.25
Pentachlorobenzene	n.d.	n.d.	< 0.25
Hexachlorobenzene	0.8	n.d.	< 0.25
2-Chlorotoluene	n.d.	n.d.	< 0.25
3-Chlorotoluene	n.d.	n.d.	< 0.25
4-Chlorotoluene	n.d.	n.d.	< 0.25
a-Chlorotoluene (benzyl chloride)	n.d.	n.d.	< 0.25
2,3-/3,4-Dichlorotoluene	n.d.	n.d.	< 0.25
2,4-Dichlorotoluene	n.d.	n.d.	< 0.25
2,5-/2,6-Dichlorotoluene	n.d.	n.d.	< 0.25
3,5-Dichlorotoluene	n.d.	n.d.	< 0.25
a,a-Dichlorotoluene	n.d.	n.d.	< 0.25
2,3,4-Trichlorotoluene	n.d.	n.d.	< 0.25
2,3,5-/2,4,5-Trichlorotoluene	n.d.	n.d.	< 0.25
2,3,6-Trichlorotoluene	n.d.	n.d.	< 0.25
2,4,6-Trichlorotoluene	n.d.	n.d.	< 0.25
3,4,5-Trichlorotoluene	n.d.	n.d.	< 0.25
a,a,a-Trichlorotoluene (benzotrichloride)	n.d.	n.d.	< 0.25
a,2,4-Trichlorotoluene	n.d.	n.d.	< 0.25



	7 [mg/kg]	11 [mg/kg]	RL [mg/kg]
a,2,6-Trichlorotoluene	n.d.	n.d.	< 0.25
a,3,4-Trichlorotoluene	n.d.	n.d.	< 0.25
2,3,4,5-Tetrachlorotoluene	n.d.	n.d.	< 0.25
2,3,4,6-Tetrachlorotoluene	n.d.	n.d.	< 0.25
2,3,5,6-Tetrachlorotoluene	n.d.	n.d.	< 0.25
a,a,a,2-Tetrachlorotoluene	n.d.	n.d.	< 0.25
a,a,a,4-Tetrachlorotoluene (4-chlorobenzotrichloride)	n.d.	n.d.	< 0.25
a,a,2,6-Tetrachlorotoluene	n.d.	n.d.	< 0.25
Pentachlorotoluene	n.d.	n.d.	< 0.25
Sum	13.4^{f1}	14.5^{f1}	-

Footnotes

Failed materials	7 11	AST-607 HGS Green; Low viscous liquid, Opaque, Green, 2025102101, '2025-10-21 D-111 FFG Scarlet; Low viscous liquid, Opaque, Red, 2025102101, '2025-10-21
Failed limit values	f1	Sum: LV I (< 10.0 mg/kg)

Additional details for this test

Parameter hints:

Testing method according to OEKO-TEX® ECO PASSPORT

Result value details:

2,3-/3,4-Dichlorotoluene

2,3-Dichlorotoluene and 3,4-Dichlorotoluene are not analytically separable, so that the determined value for both substances must be given combined.

2,5-/2,6-Dichlorotoluene

2,5-Dichlorotoluene and 2,6-Dichlorotoluene are not analytically separable, so that the determined value for both substances must be given combined.

2,3,5-/2,4,5-Trichlorotoluene

2,4,5-Trichlorotoluene und 2,3,5-Trichlorotoluene are not analytically separable, so that the determined value for both substances must be given combined.



Solvent residues

The following results were evaluated against the limit values (LV):

I Threshold values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3 page 57

II Limit values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3 page 57

	1 [mg/kg]	2 [mg/kg]	3 [mg/kg]	4 [mg/kg]	5 [mg/kg]	6 [mg/kg]	RL [mg/kg]
1-Methyl-2-pyrrolidone (NMP)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 50
N,N-Dimethylacetamide (DMAc)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 50
N,N-Dimethylformamide (DMF)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 50
Formamide	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 50
N-Ethyl-2-pyrrolidone (NEP)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 50
2-Pyrrolidone	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 50

Solvent residues (Cont.)

	7 [mg/kg]	8 [mg/kg]	9 [mg/kg]	10 [mg/kg]	11 [mg/kg]	12 [mg/kg]	RL [mg/kg]
1-Methyl-2-pyrrolidone (NMP)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 50
N,N-Dimethylacetamide (DMAc)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 50
N,N-Dimethylformamide (DMF)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 50
Formamide	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 50
N-Ethyl-2-pyrrolidone (NEP)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 50
2-Pyrrolidone	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 50

Solvent residues (Cont.)

	13 [mg/kg]	14 [mg/kg]	15 [mg/kg]	16 [mg/kg]	RL [mg/kg]
1-Methyl-2-pyrrolidone (NMP)	n.d.	n.d.	n.d.	n.d.	< 50
N,N-Dimethylacetamide (DMAc)	n.d.	n.d.	n.d.	n.d.	< 50
N,N-Dimethylformamide (DMF)	n.d.	n.d.	n.d.	n.d.	< 50
Formamide	n.d.	n.d.	n.d.	n.d.	< 50
N-Ethyl-2-pyrrolidone (NEP)	n.d.	n.d.	n.d.	n.d.	< 50
2-Pyrrolidone	n.d.	n.d.	n.d.	n.d.	< 50

Additional details for this test

Parameter hints:

Testing method according to OEKO-TEX® ECO PASSPORT



Alkylphenols and alkylphenoethoxylates

The following results were evaluated against the limit values (LV):

I Threshold values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3 page 58

II Limit values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3 page 58

	1 [mg/kg]	2 [mg/kg]	3 [mg/kg]	4 [mg/kg]	5 [mg/kg]	6 [mg/kg]	RL [mg/kg]
4-tert-Butylphenol (BP)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10.0
Pentylphenol (PeP)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10.0
Heptylphenol(HpP)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10.0
Octylphenol (OP)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10.0
Nonylphenol (NP)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10.0
Octylphenoethoxylates (OP(EO))	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10.0
Nonylphenoethoxylates (NP(EO))	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10.0
Sum BP, PeP, HpP, OP, NP	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	-
Sum BP, PeP, HpP, OP, NP, OP(EO), NP(EO)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	-

Alkylphenols and alkylphenoethoxylates (Cont.)

	7 [mg/kg]	8 [mg/kg]	9 [mg/kg]	10 [mg/kg]	11 [mg/kg]	12 [mg/kg]	RL [mg/kg]
4-tert-Butylphenol (BP)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10.0
Pentylphenol (PeP)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10.0
Heptylphenol(HpP)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10.0
Octylphenol (OP)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10.0
Nonylphenol (NP)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10.0
Octylphenoethoxylates (OP(EO))	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10.0
Nonylphenoethoxylates (NP(EO))	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 10.0
Sum BP, PeP, HpP, OP, NP	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	-
Sum BP, PeP, HpP, OP, NP, OP(EO), NP(EO)	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	-

Alkylphenols and alkylphenoethoxylates (Cont.)

	13 [mg/kg]	14 [mg/kg]	15 [mg/kg]	16 [mg/kg]	RL [mg/kg]
4-tert-Butylphenol (BP)	n.d.	n.d.	n.d.	n.d.	< 10.0
Pentylphenol (PeP)	n.d.	n.d.	n.d.	n.d.	< 10.0
Heptylphenol(HpP)	n.d.	n.d.	n.d.	n.d.	< 10.0
Octylphenol (OP)	n.d.	n.d.	n.d.	n.d.	< 10.0



	13 [mg/kg]	14 [mg/kg]	15 [mg/kg]	16 [mg/kg]	RL [mg/kg]
Nonylphenol (NP)	n.d.	n.d.	n.d.	n.d.	< 10.0
Octylphenoethoxylates (OP(EO))	n.d.	n.d.	n.d.	n.d.	< 10.0
Nonylphenoethoxylates (NP(EO))	n.d.	n.d.	n.d.	n.d.	< 10.0
Sum BP, PeP, HpP, OP, NP	n.d.	n.d.	n.d.	n.d.	-
Sum BP, PeP, HpP, OP, NP, OP(EO), NP(EO)	n.d.	n.d.	n.d.	n.d.	-

Additional details for this test

Parameter hints:

Testing method according to OEKO-TEX® ECO PASSPORT



N-(hydroxymethyl)acrylamid

The following results were evaluated against the limit values (LV):

I Threshold values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3 page 59

II Limit values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3 page 59

	1 [mg/kg]	5 [mg/kg]	10 [mg/kg]	13 [mg/kg]	RL [mg/kg]
N-(hydroxymethyl)acrylamide	n.d.	n.d.	n.d.	n.d.	< 100

Additional details for this test

Parameter hints:

Testing method according to OEKO-TEX® ECO PASSPORT



Melamine

The following results were evaluated against the limit values (LV):

I Threshold values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3 page 60

II Limit values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3 page 60

	3 [mg/kg]	8 [mg/kg]	12 [mg/kg]	16 [mg/kg]	RL [mg/kg]
Melamine	n.d.	n.d.	n.d.	n.d.	< 50

Additional details for this test

Parameter hints:

Testing method according to OEKO-TEX® ECO PASSPORT



Chlorinated solvents, volatile organic compounds, glycols and cresols

The following results were evaluated against the limit values (LV):

I Threshold values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3 page 61

II Limit values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3 page 61

	1	2	3	4	5	6	RL
	[mg/kg]	[mg/kg]	[mg/kg]	[mg/kg]	[mg/kg]	[mg/kg]	[mg/kg]
Dichloromethane	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0
Trichloromethane	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0
Tetrachloromethane	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0
1,1-Dichloroethane	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0
1,2-Dichloroethane	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0
1,1,1-Trichloroethane	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0
1,1,2-Trichloroethane	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0
1,1,1,2-Tetrachloroethane	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0
1,1,2,2-Tetrachloroethane	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0
Pentachloroethane	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0
1,1-Dichloroethylene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0
cis-1,2-Dichloroethylene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0
trans-1,2-Dichloroethylene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0
Sum 1,2-Dichloroethylene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	-
Trichloroethylene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0
Tetra(per)chloroethylene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0
Sum of the 14 chlorinated solvents	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	-
Methylethylketone	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 40.0
Ethylbenzene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0
m-/p-Xylene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 8.0
o-Xylene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0
Sum Xylene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	-
Cyclohexanone	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 40.0
2-Ethoxyethylacetate	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 40.0
1,2,3-Trichloropropane	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 40.0
Acetophenone	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0
2-Phenyl-2-propanole	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0



	1 [mg/kg]	2 [mg/kg]	3 [mg/kg]	4 [mg/kg]	5 [mg/kg]	6 [mg/kg]	RL [mg/kg]
Bis(2-methoxyethyl) ether	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 40.0
Styrene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0
Benzene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0
Toluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0
2-Ethoxyethanol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 40.0
Ethylene glycol dimethyl ether	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 8.0
Methylglycol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 8.0
2-Methoxyethylacetate	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 40.0
2-Methoxypropylacetate	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 40.0
Triethylene glycol dimethyl ether	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 40.0
o-Cresol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 20.0
m-/p-Cresol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 40.0
2-Methoxypropanol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 40.0
1,2-Diethoxyethane	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 40.0
1,4-Dioxane	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0
2-Butanone oxime	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 40.0

Chlorinated solvents, volatile organic compounds, glycols and cresols (Cont.)

	7 [mg/kg]	8 [mg/kg]	9 [mg/kg]	10 [mg/kg]	11 [mg/kg]	12 [mg/kg]	RL [mg/kg]
Dichloromethane	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0
Trichloromethane	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0
Tetrachloromethane	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0
1,1-Dichloroethane	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0
1,2-Dichloroethane	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0
1,1,1-Trichloroethane	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0
1,1,2-Trichloroethane	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0
1,1,1,2-Tetrachloroethane	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0
1,1,2,2-Tetrachloroethane	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0
Pentachloroethane	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0
1,1-Dichloroethylene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0



	7 [mg/kg]	8 [mg/kg]	9 [mg/kg]	10 [mg/kg]	11 [mg/kg]	12 [mg/kg]	RL [mg/kg]
cis-1,2-Dichloroethylene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0
trans-1,2-Dichloroethylene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0
Sum 1,2-Dichloroethylene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	-
Trichloroethylene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0
Tetra(per)chloroethylene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0
Sum of the 14 chlorinated solvents	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	-
Methylethylketone	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 40.0
Ethylbenzene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0
m-/p-Xylene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 8.0
o-Xylene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0
Sum Xylene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	-
Cyclohexanone	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 40.0
2-Ethoxyethylacetate	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 40.0
1,2,3-Trichloropropane	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 40.0
Acetophenone	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0
2-Phenyl-2-propanole	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0
Bis(2-methoxyethyl) ether	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 40.0
Styrene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0
Benzene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0
Toluene	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0
2-Ethoxyethanol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 40.0
Ethylene glycol dimethyl ether	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 8.0
Methylglycol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 8.0
2-Methoxyethylacetate	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 40.0
2-Methoxypropylacetate	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 40.0
Triethylene glycol dimethyl ether	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 40.0
o-Cresol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 20.0
m-/p-Cresol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 40.0
2-Methoxypropanol	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 40.0
1,2-Diethoxyethane	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 40.0



	7 [mg/kg]	8 [mg/kg]	9 [mg/kg]	10 [mg/kg]	11 [mg/kg]	12 [mg/kg]	RL [mg/kg]
1,4-Dioxane	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 4.0
2-Butanone oxime	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	< 40.0

Chlorinated solvents, volatile organic compounds, glycols and cresols (Cont.)

	13 [mg/kg]	14 [mg/kg]	15 [mg/kg]	16 [mg/kg]	RL [mg/kg]
Dichloromethane	n.d.	n.d.	n.d.	n.d.	< 4.0
Trichloromethane	n.d.	n.d.	n.d.	n.d.	< 4.0
Tetrachloromethane	n.d.	n.d.	n.d.	n.d.	< 4.0
1,1-Dichloroethane	n.d.	n.d.	n.d.	n.d.	< 4.0
1,2-Dichloroethane	n.d.	n.d.	n.d.	n.d.	< 4.0
1,1,1-Trichloroethane	n.d.	n.d.	n.d.	n.d.	< 4.0
1,1,2-Trichloroethane	n.d.	n.d.	n.d.	n.d.	< 4.0
1,1,1,2-Tetrachloroethane	n.d.	n.d.	n.d.	n.d.	< 4.0
1,1,2,2-Tetrachloroethane	n.d.	n.d.	n.d.	n.d.	< 4.0
Pentachloroethane	n.d.	n.d.	n.d.	n.d.	< 4.0
1,1-Dichloroethylene	n.d.	n.d.	n.d.	n.d.	< 4.0
cis-1,2-Dichloroethylene	n.d.	n.d.	n.d.	n.d.	< 4.0
trans-1,2-Dichloroethylene	n.d.	n.d.	n.d.	n.d.	< 4.0
Sum 1,2-Dichloroethylene	n.d.	n.d.	n.d.	n.d.	-
Trichloroethylene	n.d.	n.d.	n.d.	n.d.	< 4.0
Tetra(per)chloroethylene	n.d.	n.d.	n.d.	n.d.	< 4.0
Sum of the 14 chlorinated solvents	n.d.	n.d.	n.d.	n.d.	-
Methylethylketone	n.d.	n.d.	n.d.	n.d.	< 40.0
Ethylbenzene	n.d.	n.d.	n.d.	n.d.	< 4.0
m-/p-Xylene	n.d.	n.d.	n.d.	n.d.	< 8.0
o-Xylene	n.d.	n.d.	n.d.	n.d.	< 4.0
Sum Xylene	n.d.	n.d.	n.d.	n.d.	-
Cyclohexanone	n.d.	n.d.	n.d.	n.d.	< 40.0
2-Ethoxyethylacetate	n.d.	n.d.	n.d.	n.d.	< 40.0
1,2,3-Trichloropropane	n.d.	n.d.	n.d.	n.d.	< 40.0



	13 [mg/kg]	14 [mg/kg]	15 [mg/kg]	16 [mg/kg]	RL [mg/kg]
Acetophenone	n.d.	n.d.	n.d.	n.d.	< 4.0
2-Phenyl-2-propanole	n.d.	n.d.	n.d.	n.d.	< 4.0
Bis(2-methoxyethyl) ether	n.d.	n.d.	n.d.	n.d.	< 40.0
Styrene	n.d.	n.d.	n.d.	n.d.	< 4.0
Benzene	n.d.	n.d.	n.d.	n.d.	< 4.0
Toluene	n.d.	n.d.	n.d.	n.d.	< 4.0
2-Ethoxyethanol	n.d.	n.d.	n.d.	n.d.	< 40.0
Ethylene glycol dimethyl ether	n.d.	n.d.	n.d.	n.d.	< 8.0
Methylglycol	n.d.	n.d.	n.d.	n.d.	< 8.0
2-Methoxyethylacetate	n.d.	n.d.	n.d.	n.d.	< 40.0
2-Methoxypropylacetate	n.d.	n.d.	n.d.	n.d.	< 40.0
Triethylene glycol dimethyl ether	n.d.	n.d.	n.d.	n.d.	< 40.0
o-Cresol	n.d.	n.d.	n.d.	n.d.	< 20.0
m-/p-Cresol	n.d.	n.d.	n.d.	n.d.	< 40.0
2-Methoxypropanol	n.d.	n.d.	n.d.	n.d.	< 40.0
1,2-Diethoxyethane	n.d.	n.d.	n.d.	n.d.	< 40.0
1,4-Dioxane	n.d.	n.d.	n.d.	n.d.	< 4.0
2-Butanone oxime	n.d.	n.d.	n.d.	n.d.	< 40.0

Additional details for this test

Parameter hints:

Testing method according to OEKO-TEX® ECO PASSPORT

Result value details:

Methylethylketone

The threshold value does not apply to adhesives, primers and leather chemicals.

m-/p-Cresol

m-cresol and p-cresol have not been separated analytically, so that the determined value for these substances is given combined.

2-Butanone oxime

Is under observation and the result is provided for information but presently not regulated.



Limit value catalogs overview

Formaldehyde

I Threshold values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3

II Limit values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3

	I [mg/kg]	II [mg/kg]
Formaldehyde	< 200	< 1000



Total content of (heavy) metals (Colourants)

I Threshold values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3

II Limit values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3

	I [mg/kg]	II [mg/kg]
Silver	< 100	< 500
Arsenic	< 50	< 250
Barium	< 100	< 500
Cadmium	< 20	< 100
Cobalt	< 200	< 1000
Chromium	< 100	< 500
Copper	< 250	< 1250
Iron	< 2500	< 12500
Mercury	< 4.0	< 20.0
Manganese	< 500	< 2500
Nickel	< 200	< 1000
Lead	< 90	< 450
Antimony	< 50	< 250
Selenium	< 20	< 100
Tin	< 250	< 1250
Zinc	< 1500	< 7500
Boron	≤ 20	≤ 20



Chlorinated phenols

I Threshold values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3

II Limit values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3

	I [mg/kg]	II [mg/kg]
2-Chlorophenol	-	-
3-Chlorophenol	-	-
4-Chlorophenol	-	-
Sum Monochlorophenols (MCP)	< 5.00	< 25.00
2,6-Dichlorophenol	-	-
2,4-/2,5-Dichlorophenol	-	-
3,5-Dichlorophenol	-	-
2,3-Dichlorophenol	-	-
3,4-Dichlorophenol	-	-
Sum Dichlorophenols (DCP)	< 5.00	< 25.00
2,4,6-Trichlorophenol	-	-
2,3,6-Trichlorophenol	-	-
2,3,5-Trichlorophenol	-	-
2,4,5-Trichlorophenol	-	-
2,3,4-Trichlorophenol	-	-
3,4,5-Trichlorophenol	-	-
Sum Trichlorophenols (TrCP)	< 2.00	< 10.00
2,3,4,5-Tetrachlorophenol	-	-
2,3,4,6-Tetrachlorophenol	-	-
2,3,5,6-Tetrachlorophenol	-	-
Sum Tetrachlorophenols (TeCP)	< 0.50	< 2.50
Pentachlorophenol	< 0.50	< 2.50
2-Phenylphenol (OPP)	< 100	< 500



Phenol

I Threshold values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3

II Limit values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3

	I [mg/kg]	II [mg/kg]
Phenol	< 100	< 500
Resorcinol	< 1000	< 1000



Free and cleavable carcinogenic arylamines, free and cleavable aniline

I Threshold values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3

II Limit values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3

	I [mg/kg]	II [mg/kg]
4-Aminobiphenyl	< 100	< 500
Benzidine	< 100	< 500
4-Chloroaniline	< 100	< 500
2,4-Diaminoanisole	< 100	< 500
4,4'-Diaminodiphenylmethane	< 100	< 500
3,3'-Dichlorobenzidine	< 100	< 500
3,3'-Dimethoxybenzidine	< 100	< 500
3,3'-Dimethylbenzidine	< 100	< 500
4,4'-Methylenedi-o-toluidine	< 100	< 500
p-Cresidine (6-Methoxy-m-toluidine)	< 100	< 500
2-Naphthylamine	< 100	< 500
4,4'-Methylene-bis-(2-chloroaniline)	< 100	< 500
4,4'-Oxydianiline	< 100	< 500
4,4'-Thiodianiline	< 100	< 500
o-Toluidine	< 100	< 500
2,4-Toluylenediamine	< 100	< 500
2,4,5-Trimethylaniline	< 100	< 500
o-Anisidine	< 100	< 500
4-Aminoazobenzene	< 100	< 500
2,4-Xylidine/2,6-Xylidine	< 100	< 500
2-Methyl-p-phenyldiamine	< 100	< 500
3,3'-Diaminobenzidine (biphenyl-3,3',4,4'-tetrayltetraamine)	< 100	< 500
p-Phenetidine	< 100	< 500
Aniline	< 100	< 500
p-Anisidine	-	-
p-Phenylenediamine	-	-
4-Chloro-o-toluidine/5-Chloro-o-toluidine	< 100	< 500
N-Methylaniline	-	-



Polycyclic aromatic hydrocarbons

I Threshold values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3

II Limit values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3

	I [mg/kg]	II [mg/kg]
Acenaphthene	-	-
Acenaphthylene	-	-
Anthracene	-	-
Benzo[a]anthracene	< 5.00	< 25.00
Benzo[a]pyrene	< 5.00	< 25.00
Benzo[e]pyrene	< 5.00	< 25.00
Benzo[ghi]perylene	-	-
Benzo[b,k,j]fluoranthene...	< 5.00	< 25.00
Chrysene	< 5.00	< 25.00
Cyclopenta[c,d]pyrene	-	-
Dibenzo[a,h]anthracene	< 5.00	< 25.00
Dibenzo[a,e]pyrene	-	-
Dibenzo[a,h]pyrene	-	-
Dibenzo[a,i]pyrene	-	-
Dibenzo[a,l]pyrene	-	-
Fluoranthene	-	-
Fluorene	-	-
Indeno[1,2,3-cd]pyrene	-	-
1-Methylpyrene	-	-
Naphthalene	< 10.00	< 50.00
Phenanthrene	-	-
Pyrene	-	-
Sum 24 PAHs	< 50.00	< 250.00



Chlorinated benzenes and toluenes

I Threshold values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3

II Limit values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3

	I [mg/kg]	II [mg/kg]
Chlorobenzene	-	-
1,2-Dichlorobenzene	-	-
1,3-Dichlorobenzene	-	-
1,4-Dichlorobenzene	-	-
1,2,3-Trichlorobenzene	-	-
1,2,4-Trichlorobenzene	-	-
1,3,5-Trichlorobenzene	-	-
1,2,3,4-Tetrachlorobenzene	-	-
1,2,3,5-Tetrachlorobenzene	-	-
1,2,4,5-Tetrachlorobenzene	-	-
Pentachlorobenzene	-	-
Hexachlorobenzene	< 10.0	< 10.0
2-Chlorotoluene	-	-
3-Chlorotoluene	-	-
4-Chlorotoluene	-	-
a-Chlorotoluene (benzyl chloride)	-	-
2,3-/3,4-Dichlorotoluene	-	-
2,4-Dichlorotoluene	-	-
2,5-/2,6-Dichlorotoluene	-	-
3,5-Dichlorotoluene	-	-
a,a-Dichlorotoluene	-	-
2,3,4-Trichlorotoluene	-	-
2,3,5-/2,4,5-Trichlorotoluene	-	-
2,3,6-Trichlorotoluene	-	-
2,4,6-Trichlorotoluene	-	-
3,4,5-Trichlorotoluene	-	-
a,a,a-Trichlorotoluene (benzotrichloride)	-	-
a,2,4-Trichlorotoluene	-	-



	I [mg/kg]	II [mg/kg]
a,2,6-Trichlorotoluene	-	-
a,3,4-Trichlorotoluene	-	-
2,3,4,5-Tetrachlorotoluene	-	-
2,3,4,6-Tetrachlorotoluene	-	-
2,3,5,6-Tetrachlorotoluene	-	-
a,a,a,2-Tetrachlorotoluene	-	-
a,a,a,4-Tetrachlorotoluene (4-chlorobenzotrichloride)	-	-
a,a,2,6-Tetrachlorotoluene	-	-
Pentachlorotoluene	-	-
Sum	< 10.0	< 50.0



Solvent residues

I Threshold values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3

II Limit values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3

	I [mg/kg]	II [mg/kg]
1-Methyl-2-pyrrolidone (NMP)	< 500	< 1000
N,N-Dimethylacetamide (DMAc)	< 500	< 1000
N,N-Dimethylformamide (DMF)	< 500	< 1000
Formamide	< 200	< 1000
N-Ethyl-2-pyrrolidone (NEP)	< 1000	< 5000
2-Pyrrolidone	< 1000	< 5000



Alkylphenols and alkylphenoethoxylates

I Threshold values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3

II Limit values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3

	I [mg/kg]	II [mg/kg]
4-tert-Butylphenol (BP)	-	-
Pentylphenol (PeP)	-	-
Heptylphenol(HpP)	-	-
Octylphenol (OP)	-	-
Nonylphenol (NP)	-	-
Octylphenoethoxylates (OP(EO))	-	-
Nonylphenoethoxylates (NP(EO))	-	-
Sum BP, PeP, HpP, OP, NP	< 50.0	< 250.0
Sum BP, PeP, HpP, OP, NP, OP(EO), NP(EO)	< 250.0	< 1000.0



N-(hydroxymethyl)acrylamid

I Threshold values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3

II Limit values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3

	I [mg/kg]	II [mg/kg]
N-(hydroxymethyl)acrylamide	< 1000	< 1000



Melamine

I Threshold values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3

II Limit values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3

	I [mg/kg]	II [mg/kg]
Melamine	< 1000	< 1000



Chlorinated solvents, volatile organic compounds, glycols and cresols

I Threshold values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3

II Limit values according to OEKO-TEX® ECO PASSPORT, 02.2025/V3

	I [mg/kg]	II [mg/kg]
Dichloromethane	< 5.0	< 25.0
Trichloromethane	< 10.0	< 50.0
Tetrachloromethane	< 10.0	< 50.0
1,1-Dichloroethane	< 10.0	< 50.0
1,2-Dichloroethane	< 5.0	< 25.0
1,1,1-Trichloroethane	< 10.0	< 50.0
1,1,2-Trichloroethane	< 10.0	< 50.0
1,1,1,2-Tetrachloroethane	< 10.0	< 50.0
1,1,2,2-Tetrachloroethane	< 10.0	< 50.0
Pentachloroethane	< 10.0	< 50.0
1,1-Dichloroethylene	< 10.0	< 50.0
cis-1,2-Dichloroethylene	-	-
trans-1,2-Dichloroethylene	-	-
Sum 1,2-Dichloroethylene	< 10.0	< 50.0
Trichloroethylene	< 10.0	< 50.0
Tetra(per)chloroethylene	< 5.0	< 25.0
Sum of the 14 chlorinated solvents	< 50.0	< 250.0
Methylethylketone	< 100.0	< 500.0
Ethylbenzene	< 100.0	< 500.0
m-/p-Xylene	-	-
o-Xylene	-	-
Sum Xylene	< 100.0	< 500.0
Cyclohexanone	< 100.0	< 500.0
2-Ethoxyethylacetate	< 50.0	< 250.0
1,2,3-Trichloropropane	< 100.0	< 500.0
Acetophenone	< 100.0	< 500.0
2-Phenyl-2-propanole	< 100.0	< 500.0
Bis(2-methoxyethyl) ether	< 50.0	< 250.0



	I [mg/kg]	II [mg/kg]
Styrene	< 100.0	< 500.0
Benzene	< 10.0	< 50.0
Toluene	< 100.0	< 500.0
2-Ethoxyethanol	< 50.0	< 250.0
Ethylene glycol dimethyl ether	< 50.0	< 250.0
Methylglycol	< 50.0	< 250.0
2-Methoxyethylacetate	< 50.0	< 250.0
2-Methoxypropylacetate	< 50.0	< 250.0
Triethylene glycol dimethyl ether	< 50.0	< 250.0
o-Cresol	< 100.0	< 500.0
m-/p-Cresol	< 100.0	< 500.0
2-Methoxypropanol	< 50.0	< 250.0
1,2-Diethoxyethane	< 100.0	≤ 500.0
1,4-Dioxane	< 100.0	< 500.0
2-Butanone oxime	-	-