medical® leather

a healthy focus on feet

Product Specific Information Document

Product name:	**Denver**
Item code:	DE
Barcode:	N/A
CE Marking:	N/A
MDR Risk Classification:	Riskclass I
Product summary:	Denver 1,0 - 1,1mm
Size / Contents product:	14-18 sqft
Packaging size:	hide
Packaging unit:	per hide
Color:	capri, cuero, filament, violet
Thickness:	1,0 - 1,1mm
Shorevalue:	N/A
Implementation:	non-perforated
Storage advise:	not in direct sunlight
Maintenance advise:	This leather can be cleaned with a mild, non alcoholic, cleaning substance
Sterilasation advise:	N/A
Manufacturing date:	N/A
Shelf life:	N/A

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Website www.medical- leather.nl **Rabobank** 1308.95.377 • **BIC Code** RABONL2U • **IBAN nr.** NL63 RABO 0130 8953 77 •
KVK 18124129 • **BTW nr.** NL8145 15 745 B01

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DECLARATION OF CONFORMITY

The undersigned
C.J. Maas – Leder LEFA BV. / Medical Leather
In reference
To the REACH Regulation 1907/2006/CE
Concerning the Registration, Evaluation, Authorization
And the restriction of chemical substances

DECLARES THAT

- Our company purchases and sells foam sheets through the transformation of polymers, mineral fillers, pigments and chemicals. Therefore, as a user, our company is not bound to any registration
- According to the REACH Regulation polymers are exempted from registration (article 2) as well as most of the raw materials used.
- Through the raw material suppliers and sheet suppliers, we were able to ascertain compliance with the REACH legislation. In fact, the chemical manufacturers, where provided, have taken steps as for regular registration.
- With regard to the presence of hazardous substances (SVHC) mentioned in **the last list published by ECHA on 25/06/2020** we declare that our products, after curing, as supplied by us, has no hint of SVHC in a concentration above the threshold limit of 0.1%..

Pieve del Cairo, 22/07/2020

REACH Responsible
Pieter Maas

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Test Report

Customer:

Medical Leather
Zanddonkweg 6
5144 NX Waalwijk
Netherlands

Report No.: (25421)089-483467

Report Version: 1

Date of Reception: 23.03.2021
Report Date: 30.03.2021

Date of Order: 18.03.2021
Sampled By: client

Sample Information

Testing Requirements: Tested according to "ordered" requirements

Sample Description: Leather samples

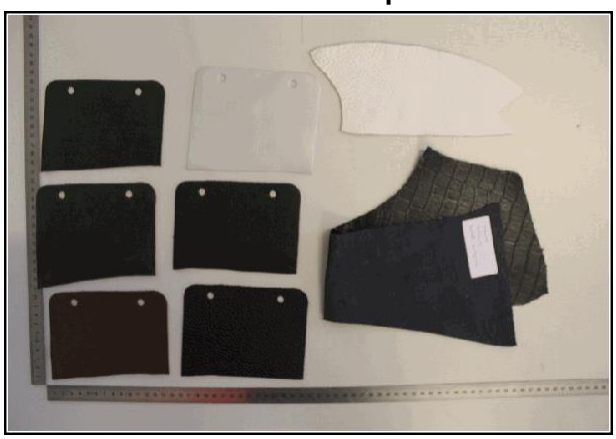
Customer Reference:
Denver 1,0 - 1,1mm
Python 1,2 - 1,4mm
Broken 1,2 - 1,4mm
Crack 1,2 - 1,4mm
Ciervo 1,2 - 1,4mm
Oslo 1,2 - 1,4mm
Gacela 1,2 - 1,4mm
Barbados 1,2 - 1,4mm

Performance Date: 23.03.2021 - 30.03.2021

No. of workdays: 5

Submitted Samples

Nr. 1



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Summary of Test Results

Tested according to "ordered" requirements

Tests required	Evaluation	Remark
Azo dyes, only p-Aminoazobenzene	Pass	
Azo dyes	Pass	
Chlorophenols	Pass	
Chromium (VI) Aging test	Pass	

PLEASE NOTE:
For samples that are marked with ** on the following pages the result was generated from a composite sample (mixed swatch/ mixed sample/non separable components).
As the sample cannot be separated/is very difficult to separate, single testing of components has not been conducted. It's possible that single components of the composite sample may fail the requirements in case of individual testing.

Tested Samples

Article No	Sample ID	Sample description	
	483467-01	1) Leather cut deep brown (article : New Comedy, colour: 45541, batch: 339567)	
	483467-02	2) Leather cut dark brown (article: Maguari, colour: 63054, batch: 438272)	
	483467-03	3) Leather cut light grey with silver coating** (article: Tango, colour: 45356, batch: 438166)	
	483467-04	4) Leather cut black (article: Flouther BT, colour: black, batch: 438265)	
	483467-05	5) Leather cut brown (article: Serena Hidro, colour: 27269, batch: 438204)	
	483467-06	6) Leather cut black (article: Romance Gr DL, colour: black, batch: 438245)	
	483467-07	7) Leather cut black with coating black** (article: Yaris, colour: black, batch: 339644)	
	483467-08	8) Leather cut light grey with coating white** (article: Flouther BT, colour: white, batch: 437908)	

Test Results

Tested according to "ordered" requirements

Sample Description: 1) Leather cut deep brown (article : New Comedy, colour: 45541, batch: 339567) **Lab Reference No:** 483467-01

Test Method / Standard: Azo dyes/Arylamines (leather): ISO 17234-1, § 64 LFGB B 82.02-3, reporting limit: 5 mg/kg

Test Location: Parameter has been analyzed at BVCPS laboratory Schwerin.

Parameter	Limit	Result	Evaluation
Azo dyes/Arylamines	≤ 20 mg/kg	not detected	Pass

Test Method / Standard: Chromium (VI), aging test: Aging conditions: Aging acc. to ISO 10195 for 24 h, 80 Degree Celsius, <5% humidity, oven without ventilation, Determination: EN ISO 17075-2, IC analysis, reporting limit: 3 mg/kg

Test Location: Parameter has been analyzed at BVCPS laboratory Schwerin.

Parameter	Limit	Result	Evaluation
Chromium (VI)	≤ 3 mg/kg	<3 mg/kg	Pass

Test Method / Standard: Chlorophenols: 1M KOH extraction, 16 hours at 90°C, derivatized and analysis §64 LFGB 82.02-8 or DIN EN ISO 17070:2015, reporting limit: 0.05 mg/kg

Test Location: Parameter has been analyzed at BVCPS laboratory Schwerin.

Parameter	Limit	Result	Evaluation
Pentachlorophenol (PCP)	≤ 1 mg/kg	<0.05 mg/kg	Pass
2,3,5,6-Tetrachlorophenol (2,3,5,6-TeCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,3,4,6-Tetrachlorophenol (2,3,4,6-TeCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,3,4,5-Tetrachlorophenol (2,3,4,5-TeCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,4,6-Trichlorophenol (2,4,6-TCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,3,6-Trichlorophenol (2,3,6-TCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,3,5-Trichlorophenol (2,3,5-TCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,4,5-Trichlorophenol (2,4,5-TCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,3,4-Trichlorophenol (2,3,4-TCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
3,4,5-Trichlorophenol (3,4,5-TCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,3-Dichlorophenol	≤ 2 mg/kg	<0.05 mg/kg	Pass
3,4-Dichlorophenol	≤ 2 mg/kg	<0.05 mg/kg	Pass

Sample Description:	1) Leather cut deep brown (article : New Comedy, colour: 45541, batch: 339567)	**Lab Reference No:**	483467-01

Test Method / Standard: Chlorophenols: 1M KOH extraction, 16 hours at 90°C, derivatized and analysis §64 LFGB 82.02-8 or DIN EN ISO 17070:2015, reporting limit: 0.05 mg/kg

Test Location: Parameter has been analyzed at BVCPS laboratory Schwerin.

Parameter	Limit	Result	Evaluation
3,5 & 2,4 & 2,5 & 2,6-Dichlorophenol	≤ 2 mg/kg	<0.05 mg/kg	Pass
2-Chlorophenol	≤ 2 mg/kg	<0.05 mg/kg	Pass
3-Chlorophenol	≤ 2 mg/kg	<0.05 mg/kg	Pass
4-Chlorophenol	≤ 2 mg/kg	<0.05 mg/kg	Pass

Sample Description:	2) Leather cut dark brown (article: Maguari, colour: 63054, batch: 438272)	**Lab Reference No:**	483467-02

Test Method / Standard: Azo dyes/Arylamines (leather): ISO 17234-1, § 64 LFGB B 82.02-3, reporting limit: 5 mg/kg

Test Location: Parameter has been analyzed at BVCPS laboratory Schwerin.

Parameter	Limit	Result	Evaluation
Aniline		10 mg/kg	No Specification
1,4-Phenylenediamine		detected	No Specification

Test Method / Standard: p-Aminazobenzene (leather): ISO 17234-2, § 64 LFGB B 82.02-9, reporting limit: 5 mg/kg. Test only conducted in case Aniline and/or 1,4-Phenylenediamine are detected by azo dyes test.

Test Location: Parameter has been analyzed at BVCPS laboratory Schwerin.

Parameter	Limit	Result	Evaluation
p-Aminoazobenzene	≤ 20 mg/kg	<5 mg/kg	Pass

Test Method / Standard: Chromium (VI), aging test: Aging conditions: Aging acc. to ISO 10195 for 24 h, 80 Degree Celsius, <5% humidity, oven without ventilation, Determination: EN ISO 17075-2, IC analysis, reporting limit: 3 mg/kg

Test Location: Parameter has been analyzed at BVCPS laboratory Schwerin.

Parameter	Limit	Result	Evaluation
Chromium (VI)	≤ 3 mg/kg	<3 mg/kg	Pass

Test Method / Standard: Chlorophenols: 1M KOH extraction, 16 hours at 90°C, derivatized and analysis §64 LFGB 82.02-8 or DIN EN ISO 17070:2015, reporting limit: 0.05 mg/kg

Test Location: Parameter has been analyzed at BVCPS laboratory Schwerin.

Parameter	Limit	Result	Evaluation
Pentachlorophenol (PCP)	≤ 1 mg/kg	<0.05 mg/kg	Pass
2,3,5,6-Tetrachlorophenol (2,3,5,6-TeCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,3,4,6-Tetrachlorophenol (2,3,4,6-TeCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,3,4,5-Tetrachlorophenol (2,3,4,5-TeCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,4,6-Trichlorophenol (2,4,6-TCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,3,6-Trichlorophenol (2,3,6-TCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,3,5-Trichlorophenol (2,3,5-TCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,4,5-Trichlorophenol (2,4,5-TCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,3,4-Trichlorophenol (2,3,4-TCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
3,4,5-Trichlorophenol (3,4,5-TCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,3-Dichlorophenol	≤ 2 mg/kg	<0.05 mg/kg	Pass
3,4-Dichlorophenol	≤ 2 mg/kg	<0.05 mg/kg	Pass
3,5 & 2,4 & 2,5 & 2,6-Dichlorophenol	≤ 2 mg/kg	<0.05 mg/kg	Pass
2-Chlorophenol	≤ 2 mg/kg	<0.05 mg/kg	Pass
3-Chlorophenol	≤ 2 mg/kg	<0.05 mg/kg	Pass
4-Chlorophenol	≤ 2 mg/kg	<0.05 mg/kg	Pass

Sample Description:	3) Leather cut light grey with silver coating** (article: Tango, colour: 45356, batch: 438166)	**Lab Reference No:**	483467-03

Test Method / Standard: Azo dyes/Arylamines (leather): ISO 17234-1, § 64 LFGB B 82.02-3, reporting limit: 5 mg/kg

Test Location: Parameter has been analyzed at BVCPS laboratory Schwerin.

Parameter	Limit	Result	Evaluation
Azo dyes/Arylamines	≤ 20 mg/kg	not detected	Pass

Test Method / Standard: Chromium (VI), aging test: Aging conditions: Aging acc. to ISO 10195 for 24 h, 80 Degree Celsius, <5% humidity, oven without ventilation, Determination: EN ISO 17075-2, IC analysis, reporting limit: 3 mg/kg

Test Location: Parameter has been analyzed at BVCPS laboratory Schwerin.

Parameter	Limit	Result	Evaluation
Chromium (VI)	≤ 3 mg/kg	<3 mg/kg	Pass

Test Method / Standard: Chlorophenols: 1M KOH extraction, 16 hours at 90°C, derivatized and analysis §64 LFGB 82.02-8 or DIN EN ISO 17070:2015, reporting limit: 0.05 mg/kg

Test Location: Parameter has been analyzed at BVCPS laboratory Schwerin.

Parameter	Limit	Result	Evaluation
Pentachlorophenol (PCP)	≤ 1 mg/kg	<0.05 mg/kg	Pass
2,3,5,6-Tetrachlorophenol (2,3,5,6-TeCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,3,4,6-Tetrachlorophenol (2,3,4,6-TeCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,3,4,5-Tetrachlorophenol (2,3,4,5-TeCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,4,6-Trichlorophenol (2,4,6-TCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,3,6-Trichlorophenol (2,3,6-TCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,3,5-Trichlorophenol (2,3,5-TCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,4,5-Trichlorophenol (2,4,5-TCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,3,4-Trichlorophenol (2,3,4-TCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
3,4,5-Trichlorophenol (3,4,5-TCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,3-Dichlorophenol	≤ 2 mg/kg	<0.05 mg/kg	Pass
3,4-Dichlorophenol	≤ 2 mg/kg	<0.05 mg/kg	Pass
3,5 & 2,4 & 2,5 & 2,6-Dichlorophenol	≤ 2 mg/kg	<0.05 mg/kg	Pass
2-Chlorophenol	≤ 2 mg/kg	<0.05 mg/kg	Pass
3-Chlorophenol	≤ 2 mg/kg	<0.05 mg/kg	Pass
4-Chlorophenol	≤ 2 mg/kg	<0.05 mg/kg	Pass

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Sample Description:	4) Leather cut black (article: Flouther BT, colour: black, batch: 438265)	**Lab Reference No:**	483467-04

Test Method / Standard: Azo dyes/Arylamines (leather): ISO 17234-1, § 64 LFGB B 82.02-3, reporting limit: 5 mg/kg

Test Location: Parameter has been analyzed at BVCPS laboratory Schwerin.

Parameter	Limit	Result	Evaluation
Aniline		460 mg/kg	No Specification
1,4-Phenylenediamine		detected	No Specification

Test Method / Standard: p-Aminazobenzene (leather): ISO 17234-2, § 64 LFGB B 82.02-9, reporting limit: 5 mg/kg. Test only conducted in case Aniline and/or 1,4-Phenylenediamine are detected by azo dyes test.

Test Location: Parameter has been analyzed at BVCPS laboratory Schwerin.

Parameter	Limit	Result	Evaluation
p-Aminoazobenzene	≤ 20 mg/kg	<5 mg/kg	Pass

Test Method / Standard: Chromium (VI), aging test: Aging conditions: Aging acc. to ISO 10195 for 24 h, 80 Degree Celsius, <5% humidity, oven without ventilation, Determination: EN ISO 17075-2, IC analysis, reporting limit: 3 mg/kg

Test Location: Parameter has been analyzed at BVCPS laboratory Schwerin.

Parameter	Limit	Result	Evaluation
Chromium (VI)	≤ 3 mg/kg	<3 mg/kg	Pass

Test Method / Standard: Chlorophenols: 1M KOH extraction, 16 hours at 90°C, derivatized and analysis §64 LFGB 82.02-8 or DIN EN ISO 17070:2015, reporting limit: 0.05 mg/kg

Test Location: Parameter has been analyzed at BVCPS laboratory Schwerin.

Parameter	Limit	Result	Evaluation
Pentachlorophenol (PCP)	≤ 1 mg/kg	<0.05 mg/kg	Pass
2,3,5,6-Tetrachlorophenol (2,3,5,6-TeCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,3,4,6-Tetrachlorophenol (2,3,4,6-TeCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,3,4,5-Tetrachlorophenol (2,3,4,5-TeCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,4,6-Trichlorophenol (2,4,6-TCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,3,6-Trichlorophenol (2,3,6-TCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,3,5-Trichlorophenol (2,3,5-TCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,4,5-Trichlorophenol (2,4,5-TCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,3,4-Trichlorophenol (2,3,4-TCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
3,4,5-Trichlorophenol (3,4,5-TCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,3-Dichlorophenol	≤ 2 mg/kg	<0.05 mg/kg	Pass
3,4-Dichlorophenol	≤ 2 mg/kg	<0.05 mg/kg	Pass
3,5 & 2,4 & 2,5 & 2,6-Dichlorophenol	≤ 2 mg/kg	<0.05 mg/kg	Pass
2-Chlorophenol	≤ 2 mg/kg	<0.05 mg/kg	Pass
3-Chlorophenol	≤ 2 mg/kg	<0.05 mg/kg	Pass
4-Chlorophenol	≤ 2 mg/kg	<0.05 mg/kg	Pass

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Sample Description:	5) Leather cut brown (article: Serena Hidro, colour: 27269, batch: 438204)	**Lab Reference No:**	483467-05

Test Method / Standard: Azo dyes/Arylamines (leather): ISO 17234-1, § 64 LFGB B 82.02-3, reporting limit: 5 mg/kg

Test Location: Parameter has been analyzed at BVCPS laboratory Schwerin.

Parameter	Limit	Result	Evaluation
Azo dyes/Arylamines	≤ 20 mg/kg	not detected	Pass

Test Method / Standard: Chromium (VI), aging test: Aging conditions: Aging acc. to ISO 10195 for 24 h, 80 Degree Celsius, <5% humidity, oven without ventilation, Determination: EN ISO 17075-2, IC analysis, reporting limit: 3 mg/kg

Test Location: Parameter has been analyzed at BVCPS laboratory Schwerin.

Parameter	Limit	Result	Evaluation
Chromium (VI)	≤ 3 mg/kg	<3 mg/kg	Pass

Test Method / Standard: Chlorophenols: 1M KOH extraction, 16 hours at 90°C, derivatized and analysis §64 LFGB 82.02-8 or DIN EN ISO 17070:2015, reporting limit: 0.05 mg/kg

Test Location: Parameter has been analyzed at BVCPS laboratory Schwerin.

Parameter	Limit	Result	Evaluation
Pentachlorophenol (PCP)	≤ 1 mg/kg	<0.05 mg/kg	Pass
2,3,5,6-Tetrachlorophenol (2,3,5,6-TeCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,3,4,6-Tetrachlorophenol (2,3,4,6-TeCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,3,4,5-Tetrachlorophenol (2,3,4,5-TeCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,4,6-Trichlorophenol (2,4,6-TCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,3,6-Trichlorophenol (2,3,6-TCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,3,5-Trichlorophenol (2,3,5-TCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,4,5-Trichlorophenol (2,4,5-TCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,3,4-Trichlorophenol (2,3,4-TCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
3,4,5-Trichlorophenol (3,4,5-TCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,3-Dichlorophenol	≤ 2 mg/kg	<0.05 mg/kg	Pass
3,4-Dichlorophenol	≤ 2 mg/kg	<0.05 mg/kg	Pass
3,5 & 2,4 & 2,5 & 2,6-Dichlorophenol	≤ 2 mg/kg	<0.05 mg/kg	Pass
2-Chlorophenol	≤ 2 mg/kg	<0.05 mg/kg	Pass
3-Chlorophenol	≤ 2 mg/kg	<0.05 mg/kg	Pass
4-Chlorophenol	≤ 2 mg/kg	0.16 mg/kg	Pass

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Sample Description:	6) Leather cut black (article: Romance Gr DL, colour: black, batch: 438245)	**Lab Reference No:**	483467-06

Test Method / Standard: Azo dyes/Arylamines (leather): ISO 17234-1, § 64 LFGB B 82.02-3, reporting limit: 5 mg/kg

Test Location: Parameter has been analyzed at BVCPS laboratory Schwerin.

Parameter	Limit	Result	Evaluation
Aniline		270 mg/kg	No Specification
1,4-Phenylenediamine		detected	No Specification

Test Method / Standard: p-Aminazobenzene (leather): ISO 17234-2, § 64 LFGB B 82.02-9, reporting limit: 5 mg/kg. Test only conducted in case Aniline and/or 1,4-Phenylenediamine are detected by azo dyes test.

Test Location: Parameter has been analyzed at BVCPS laboratory Schwerin.

Parameter	Limit	Result	Evaluation
p-Aminoazobenzene	≤ 20 mg/kg	<5 mg/kg	Pass

Test Method / Standard: Chromium (VI), aging test: Aging conditions: Aging acc. to ISO 10195 for 24 h, 80 Degree Celsius, <5% humidity, oven without ventilation, Determination: EN ISO 17075-2, IC analysis, reporting limit: 3 mg/kg

Test Location: Parameter has been analyzed at BVCPS laboratory Schwerin.

Parameter	Limit	Result	Evaluation
Chromium (VI)	≤ 3 mg/kg	<3 mg/kg	Pass

Test Method / Standard: Chlorophenols: 1M KOH extraction, 16 hours at 90°C, derivatized and analysis §64 LFGB 82.02-8 or DIN EN ISO 17070:2015, reporting limit: 0.05 mg/kg

Test Location: Parameter has been analyzed at BVCPS laboratory Schwerin.

Parameter	Limit	Result	Evaluation
Pentachlorophenol (PCP)	≤ 1 mg/kg	<0.05 mg/kg	Pass
2,3,5,6-Tetrachlorophenol (2,3,5,6-TeCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,3,4,6-Tetrachlorophenol (2,3,4,6-TeCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,3,4,5-Tetrachlorophenol (2,3,4,5-TeCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,4,6-Trichlorophenol (2,4,6-TCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,3,6-Trichlorophenol (2,3,6-TCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,3,5-Trichlorophenol (2,3,5-TCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,4,5-Trichlorophenol (2,4,5-TCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,3,4-Trichlorophenol (2,3,4-TCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
3,4,5-Trichlorophenol (3,4,5-TCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,3-Dichlorophenol	≤ 2 mg/kg	<0.05 mg/kg	Pass
3,4-Dichlorophenol	≤ 2 mg/kg	<0.05 mg/kg	Pass
3,5 & 2,4 & 2,5 & 2,6-Dichlorophenol	≤ 2 mg/kg	<0.05 mg/kg	Pass
2-Chlorophenol	≤ 2 mg/kg	<0.05 mg/kg	Pass
3-Chlorophenol	≤ 2 mg/kg	<0.05 mg/kg	Pass
4-Chlorophenol	≤ 2 mg/kg	<0.05 mg/kg	Pass

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Sample Description:	7) Leather cut black with coating black** (article: Yaris, colour: black, batch: 339644)	**Lab Reference No:**	483467-07

Test Method / Standard: Azo dyes/Arylamines (leather): ISO 17234-1, § 64 LFGB B 82.02-3, reporting limit: 5 mg/kg

Test Location: Parameter has been analyzed at BVCPS laboratory Schwerin.

Parameter	Limit	Result	Evaluation
Aniline		11 mg/kg	No Specification
1,4-Phenylenediamine		detected	No Specification

Test Method / Standard: p-Aminazobenzene (leather): ISO 17234-2, § 64 LFGB B 82.02-9, reporting limit: 5 mg/kg. Test only conducted in case Aniline and/or 1,4-Phenylenediamine are detected by azo dyes test.

Test Location: Parameter has been analyzed at BVCPS laboratory Schwerin.

Parameter	Limit	Result	Evaluation
p-Aminoazobenzene	≤ 20 mg/kg	<5 mg/kg	Pass

Test Method / Standard: Chromium (VI), aging test: Aging conditions: Aging acc. to ISO 10195 for 24 h, 80 Degree Celsius, <5% humidity, oven without ventilation, Determination: EN ISO 17075-2, IC analysis, reporting limit: 3 mg/kg

Test Location: Parameter has been analyzed at BVCPS laboratory Schwerin.

Parameter	Limit	Result	Evaluation
Chromium (VI)	≤ 3 mg/kg	<3 mg/kg	Pass

Test Method / Standard: Chlorophenols: 1M KOH extraction, 16 hours at 90°C, derivatized and analysis §64 LFGB 82.02-8 or DIN EN ISO 17070:2015, reporting limit: 0.05 mg/kg

Test Location: Parameter has been analyzed at BVCPS laboratory Schwerin.

Parameter	Limit	Result	Evaluation
Pentachlorophenol (PCP)	≤ 1 mg/kg	<0.05 mg/kg	Pass
2,3,5,6-Tetrachlorophenol (2,3,5,6-TeCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,3,4,6-Tetrachlorophenol (2,3,4,6-TeCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,3,4,5-Tetrachlorophenol (2,3,4,5-TeCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,4,6-Trichlorophenol (2,4,6-TCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,3,6-Trichlorophenol (2,3,6-TCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,3,5-Trichlorophenol (2,3,5-TCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,4,5-Trichlorophenol (2,4,5-TCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,3,4-Trichlorophenol (2,3,4-TCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
3,4,5-Trichlorophenol (3,4,5-TCP)	≤ 2 mg/kg	<0.05 mg/kg	Pass
2,3-Dichlorophenol	≤ 2 mg/kg	<0.05 mg/kg	Pass
3,4-Dichlorophenol	≤ 2 mg/kg	<0.05 mg/kg	Pass
3,5 & 2,4 & 2,5 & 2,6-Dichlorophenol	≤ 2 mg/kg	<0.05 mg/kg	Pass
2-Chlorophenol	≤ 2 mg/kg	<0.05 mg/kg	Pass
3-Chlorophenol	≤ 2 mg/kg	<0.05 mg/kg	Pass
4-Chlorophenol	≤ 2 mg/kg	<0.05 mg/kg	Pass

Sample Description:	8) Leather cut light grey with coating white** (article: Flouther BT, colour: white, batch: 437908)	**Lab Reference No:**	483467-08

Test Method / Standard: Chromium (VI), aging test: Aging conditions: Aging acc. to ISO 10195 for 24 h, 80 Degree Celsius, <5% humidity, oven without ventilation, Determination: EN ISO 17075-2, IC analysis, reporting limit: 3 mg/kg

Test Location: Parameter has been analyzed at BVCPS laboratory Schwerin.

Parameter	Limit	Result	Evaluation
Chromium (VI)	≤ 3 mg/kg	<3 mg/kg	Pass

The testing of mixed samples is carried out at the customer's explicit request and may imply a deviation from the testing standard. Please note the following: results for mixed samples that are below the limit may exceed the limit if the samples contained in the mixed sample are tested individually. In these cases separate testing of the samples is recommended.

Performance Date: 23.03.2021 - 30.03.2021

Total Run Time: 5

Ute Freymann
Lab Chemist

No results printed beyond this point in the report

Detailed Method Descriptions

Analysis / Test:	p-Aminazobenzene (leather)
ISO 17234-2, § 64 LFGB B 82.02-9, detection of the use of certain azo colorants that may release 4-Aminoazobenzene, deduction by reduced amount of dithionit, detection of 4-aminoazobenzene by GC/MS and/or LC/DAD/MS, reporting limit: 5 mg/kg	

Analysis / Test:	Azo dyes/Arylamines (leather)
ISO 17234-1, § 64 LFGB B 82.02-3, determination of certain azo colorants in leather, reduction by dithionit, detection of certain amines by GC-MS and/or LC-DAD-MS, reporting limit: 5 mg/kg	

Parameters & CAS No.

p-Aminazobenzene (leather)	(CAS No.)
p-Aminoazobenzene (60-09-3)	

Azo dyes/Arylamines (leather)	(CAS No.)
4,4'-Methylene-bis-(2-chloro-aniline) (101-14-4)	
4,4'-Diaminodiphenylmethane (101-77-9)	
4,4'-Oxydianiline (101-80-4)	
4-Chloroaniline (106-47-8)	
1,4-Phenylenediamine (106-50-3)	
3,3'-Dimethoxybenzidine (119-90-4)	
3,3'-Dimethylbenzidine (119-93-7)	
p-Cresidine (120-71-8)	
2,4,5-Trimethylaniline / 2,4,5-Trimethylaniline hydrochloride (137-17-7 / 21436-97-5)	
4,4'-Thiodianiline (139-65-1)	
2,4-Diaminoanisole / 2,4-Diaminoanisole sulphate (615-05-4 / 39156-41-7)	
Aniline (62-53-3)	
3,3'-Dimethyl-4,4'-diaminodiphenylmethane (838-88-0)	
2,6-Xylidine (87-62-7)	
o-Anisidine (90-04-0)	
2-Naphtylamine / 2-Naphthylammoniumacetate (91-59-8 / 553-00-4)	
3,3'-Dichlorobenzidine (91-94-1)	
4-Aminobiphenyl (92-67-1)	
Benzidine (92-87-5)	
o-Toluidine (95-53-4)	
2,4-Xylidine (95-68-1)	
4-Chloro-o-toluidine / 4-chloro-o-toluidinium chloride (95-69-2 / 3165-93-3)	
2,4-Toluenediamine (95-80-7)	
o-Aminoazotoluene (97-56-3)	
5-Nitro-o-toluidine (99-55-8)	

Chlorophenols	(CAS No.)
4-Chlorophenol (106-48-9)	
3-Chlorophenol (108-43-0)	
3,5 & 2,4 & 2,5 & 2,6-Dichlorophenol (120-83-2, 583-78-8, 87-65-0, 591-35-5)	
2,3,4-Trichlorophenol (2,3,4-TCP) (15950-66-0)	
2,3,4,5-Tetrachlorophenol (2,3,4,5-TeCP) (4901-51-3)	
2,3-Dichlorophenol (576-24-9)	
2,3,4,6-Tetrachlorophenol (2,3,4,6-TeCP) (58-90-2)	
3,4,5-Trichlorophenol (3,4,5-TCP) (609-19-8)	
Pentachlorophenol (PCP) (87-86-5)	
2,4,6-Trichlorophenol (2,4,6-TCP) (88-06-2)	
2,3,6-Trichlorophenol (2,3,6-TCP) (933-75-5)	
2,3,5-Trichlorophenol (2,3,5-TCP) (933-78-8)	
2,3,5,6-Tetrachlorophenol (2,3,5,6-TeCP) (935-95-5)	
2-Chlorophenol (95-57-8)	
3,4-Dichlorophenol (95-77-2)	
2,4,5-Trichlorophenol (2,4,5-TCP) (95-95-4)	

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