



**AZL Otrokovice s.r.o. ,
Zkušebna kožedělných a textilních materiálů a výrobků**

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The translation - the original Test report has mandatory wording.

TEST REPORT

no. 1812/24

Customer: **PET HARDWARE s.r.o.**
Customer address: Grymovská 256/1a, 750 02 Přerov IV - Kozlovice
Order: order from 04.12.2024

Tested sample: **Vegetable tanned leather, colour light brown**
Designation of the sample
by laboratory - by customer: 1812/24

Number of samples: 1
Dimension of sample: 1 pc - (20 x 70) cm
Date of sample receipt: 04.12.2024
Date of tests performance: 04.12.2024 - 17.12.2024

Test report
Number of copies: 2
Copy no. 1- customer;
Copy no. 2- laboratory archive

Place and date issuance : Otrokovice, 17.12.2024

Approved by:
Ing. Jiří Štách
deputy manager of testing laboratory

Conditions for use of the Test Report:

The Report contains test results which apply to the sample received only.

The laboratory will not accept any liability for the sampling process. Sampling was carried out by the customer. The laboratory declines responsibility for information supplied by the customer (sample and designation).

The Report may not be reproduced otherwise than in full without written consent of the laboratory. The customer should obtain consent of the laboratory that issued the Report for reproducing a part of the Report. If the Report contains any tests carried out on the basis of a subcontract, this fact is stated in the Report. The tests were carried out at the permanent address of the laboratory.



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Executed tests

Pos.	Name	Method
1	Leather - Chemical determination of chromium (VI) content in leather - Part1: Colorimetric method	ČSN EN ISO 17075-1
2	Leather - Chemical determination of formaldehyde content - Part 2: Method using colorimetric analysis	ČSN EN ISO 17226-2
3	Leather - Chemical tests - Determination of pH and difference figure	ČSN EN ISO 4045

Additional information to executed tests and deviations from method procedure:

Test pieces for tests no. 1 and no. 3 were conditioned for a minimum of 48 hours in the atmosphere with temperature $(23 \pm 2) ^\circ\text{C}$ and relative humidity $(50 \pm 5) \%$. Detection limit of the method no. 1 is 3 mg/kg.

RESULTS OF THE TESTS

Tested sample		1812/24 - Vegetable tanned leather, colour light brown				
Pos.	Tested quantity	Unit of measurements	Limit value ¹	Determined value ²	Uncertainty of measurements ³	Conformity ⁴
1	Extractible chromium (VI) content mass fraction of volatile matter- 12,6 %	mg.kg ⁻¹	under the detection limit of the method	< 3 under the detection limit of the method	-	Yes
2	Content of formaldehyde	mg.kg ⁻¹	max. 30	7,50	8%	Yes
3	pH of aqueous extract	non-dimensional number	min. 3,0	3,15	0,1	Yes
	Difference figure (for pH < 3,5)		max. 0,7	0,62	0,1	Yes

Explanations to the table:

1) Requirements and specifications -limit values were stated by customer accord with Methodical recommendation of SZÚ no. 1/2000 (tests no. 1, 2) and accord with ČSN 79 2540 Technical leather . Swear-band leathers (test no. 3).

2) Individual values.

3) Extended measurement uncertainty - calculated from repeated measurements with application of expansion coefficient k=2, which corresponds in normal allocation to the probability of coverage 95 % (tests no. 2-3).

4) **Conformity statement/decision making rule:** according to ILAC-G8: 09/2019, cl. 4.2.1, A binary statement for the simple acceptance rule
yes - complies with the limit value
no - does not comply with the limit value

Assessment and interpretation of results:

Based on the determined values of tested quantities, it can be stated that the products from tested leather should not have a negative effect on the skin or the health of the human organism.

Conformity assessment performed: Ing. J. Štách

Test report drafted by: Ing. J. Štách

Controlled by: J. Lacigová

_____ the end of the Test Report _____