

## Laboratory

CURTUMES AVENEDA, Lda.  
Lugar de Aveneda  
S. Vicente Pereira  
3880-836 S. VICENTE PEREIRA - OVAR

### Test Report nr. 2018/03148

Version 3

Final Report

Material:	Leather	Received on:	09-03-2018
Sampling:	Unknown (sampled by: Client)	Beginning of testing:	12-03-2018
Nr. Of sample:	1801512	Finish of testing:	21-05-2018
Client's Ref.:	Forro (ABN-005)		

### Chemical Analysis Laboratory

Tests made / Method(s) of Testing	Results	Units
<b>Total Metals</b>		
Total Aluminium (Al)* ISO 17072-2:2011	< 25 (LQ)	mg/kg
Total Antimony (Sb)* ISO 17072-2:2011	< 5	mg/kg
Total Arsenic (As)* ISO 17072-2:2011	< 5	mg/kg
Total Cadmium (Cd)* ISO 17072-2:2011	< 5	mg/kg
Total Lead (Pb)* ISO 17072-2:2011	< 5	mg/kg
Total Cobalt (Co)* NP EN 71-3:2013	< 5	mg/Kg
Total Chromium (Cr)* ISO 5398-4:2007	84	mg/Kg
Total Mercury (Hg) ISO 17072-2:2011	<0,5	mg/Kg
Total Nickel (Ni)* NP EN 71-3:2013	< 5	mg/kg
Total Titanium (Ti)* NP EN 71-3:2013	< 25	mg/kg
Azodyes *# ISO 17234-1:2010	< 30	mg/kg
Pentachlorophenol (PCP)*# ISO 17070:2015 - IULTCS/IUC 25:2015	<0,50	mg/kg
Short Chain Chlorinated Paraffins (C10-C13)*# DIN EN ISO 18219:2016-02	<50	mg/kg

The original of this testing report is only valid when validated with CTIC's white seal.

The results herein contained refer only to the tests that were carried out on the samples as they were received at our premises. The partial reproduction of this report without prior consent is forbidden.

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pH Value Difference Figure ISO 4045:2008 - IULTCS/IUC 11:2008	0,30	---
pH Value ISO 4045:2008 - IULTCS/IUC 11:2008	3,30	---
Hexavalent Chromium (After Ageing) ISO 17075-2:2017 - IULTCS/IUC 18:2007	< 3 (LD)	mg/kg
Formaldehyde * ISO 17226-1:2008 - IULTCS/IUC 19-1:2008	12,3	mg/kg

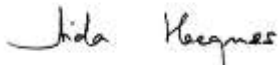
Sample conditioning\*: ISO 4044:2017 part 6.2

Moisture content\*: 10,0%

Hexavalent chromium (after ageing) test was performed after ageing in the following conditions\*: 24H:80°C: <5%RH.

Alcanena, May 21<sup>st</sup>, 2018

Chemical Analysis Laboratory Responsible



Eng<sup>a</sup> Aida Marques

\* - The signed test is not included in the CTIC certification scope. # - The signed test was subcontracted and it is certified.  
## - The signed test was subcontracted and it is not certified. " < x (LQ)" : Result considered inferior to the quantification limit (x). " < x (LD)" : Result considered inferior to the detection limit (x).

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