



**PRODUCT CERTIFICATION
TECHNICAL SPECIFICATION n. 038
ANNEX TO CERTIFICATE n. 038**

**COMPANY
PREALPINA S.r.l.**

**PRODUCT
“GREENTECH^R”**

The product “Greentech^R” :

1. Is obtained by organic tanning, according to UNI EN 15987 “Leather - Terminology - Key definitions for the leather trade”;
2. Is in compliance with UNI 10594 “Characteristics of leather to be used in footwear industry” for the chemical substances: chromium VI, pentachlorophenol and tetrachlorophenol, formaldehyde, azodyes.

Characteristics	Test methods	Requirements
Shrinkage temperature	UNI EN ISO 3380	$\geq 75^{\circ}\text{C}$
pH Δ pH (Difference figure)	UNI EN ISO 4045	≥ 3.2 ≤ 0.7
Azodyes (Banned aromatic amines)	UNI EN ISO 17234 – 1 UNI EN ISO 17234 – 2	Absent ⁽¹⁾
Chromium VI	UNI EN ISO 17075	Absent ⁽²⁾
Formaldehyde	UNI EN ISO 17226 - 1	≤ 75 mg/kg
Pentachlorophenol Tetrachlorophenol	UNI EN ISO 17070	≤ 1 mg/kg ≤ 1 mg/kg
Total content of Chromium, Titanium, Zirconium, Aluminium, Iron	UNI EN ISO 17072 - 2	$\leq 0.1\%$

The previous referenced documents are indispensable for the application of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

⁽¹⁾ Absence referred to each banned azodyes, which limit is set by the system of detection method. This kind of method judges non-significant values less than 30 mg/kg

⁽²⁾ the absence of Chromium VI is then compared with the limits set by the system of detection method. This kind of method judges non-significant values less than 3 mg / kg

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ICEC Director

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