

Gambier extract

Botanical name	Uncaria gambir
Origin	China, India, Malaysia, Indonesia
Tanning classification	Pyrocatechin tanning material (Phlobaphen former)

Specification (all values according to the filter method)

tannin content %	50.0 +/- 2.0
insolubles %	12.0
humidity %	12.0
dry matters %	-
non tanning content %	17.0
Density (° Bé)	-
pH (6.9° Bé)	4.6 +/- 0.3
ash %	4.5

Description

Gambier extract is a tanning agent extracted from the leaves of the Uncaria gambir plant, which comes from Asia and only grows approximately 10° north or south of the equator line. The plant, which grows as a wild bush, can also be cultivated. The Gambier extract is won from the leaves, partly without the branches by extraction with water at a temperature of 85-90°C and evaporation. The powder is then made by the spray-dry method.

Application

By using Gambier extract only, a very soft leather can be obtained, particularly in the re-tanning of calf-leather. However, Gambier extract is also used for the re-tanning of chrome-tanned glove leather, with a remarkable fullness of the leather as well as softness and elasticity.