

## Trillo cups / Valonea extract

<b>Botanical name</b>	Quercus valonea, Quercus macrolepis
<b>Origin</b>	South-East Europe, Asia (rare)
<b>Tanning classification</b>	Hydrolysable (acidic former) tanning materials

**Specification** (all values according to the filter method)

	Trillo	Valonea Standard	Valonea 'S'
tanning content %	29.0 / 40.0	67.0	61.5
insolubles %	8.0-13.0	1.5	0.7
sugar %	3.0-4.0		
humidity %		7.0	6.0
non tanning %	33.0-47.0	24.5	31.8
pH (6.9 ° Bé)	4.2 +/- 0.3		
pH (4g Valonea-Extr./l)		3.6	5.2

### Description

The fruit capsules of various types of Mediterranean oak trees (amongst others Quercus valonea) provide the tanning agent. The mature capsules with the scales rich in tannin (known as 'Trillo') are mainly harvested in Turkey and Greece from wild growing trees. After the drying and cleaning the Valonea tanning agents are commercialized in three different versions: as crushed capsules, as Trillo or as tanning extract. The tanning content of the capsules amounts to about 29%, that of the Trillo (scales) about 40% dry matters.

### Application

Through different tanning methods and the subsequent further processing of the leather, it is possible to obtain soft and flexible leathers as well as firm leathers. These leathers can be used for furniture upholstery leather, shoe upper leather, lining leather and for the production of leather goods. Valonea tanned leathers have a light fastness of level 3-4 and outmatch many other vegetable leathers. Also in the production of sole leather Valonea plays an important role.