

### K-TANN TEA – POWDER TANNIN

Gives fresh and fruity flavor and enhances the antioxidant ambient. To determine the optimum dosage required, preliminary test are recommended.

PRODUCT :	Phenolic compound extracted from tea leaves
DESCRIPTION :	Spray-dried extract from tea leaves
APPEARANCE :	Beige greenish powder or granular powder
SOLUBILITY :	Water-soluble (shaking the solution)
TASTE :	Bitter and astringent
FLAVOUR :	Typical, fresh, bitter and astringent
APPLICATION :	Winemaking, pharmaceutical industry, vinegar, cider, beer etc.
RECOMMENDED DOSAGE :	White and Blush wines: 1-5 g/Hl Red wines: 2-8 g/Hl
SHELF-LIFE :	5 years
STORAGE :	Keep containers tightly closed in a dry place, at room temperature (12 – 20°C), away from heat and light
PACKAGING :	Powder: 25 kg bags Granular: 12,5 kg bags
SAMPLES :	Available all year round

#### **CHEMICAL SPECIFICATIONS:**

pH (solution 1%) :	3,3 – 4,3
Extract :	> 90%
Total Polyphenols :	> 69%
Humidity :	Max 8%
Gardner color :	Max 10 U.Gardner
Ashes :	< 1%
Lead :	< 3 ppm
Arsenic :	< 1 ppm
Cadmium :	< 1 ppm

#### **MICROBIOLOGICAL SPECIFICATIONS:**

Total count :	< 50/g
Yeast :	< 10/g
Mould :	< 10/g
Coliforms in 1 g :	0
Salmonella in 25 g :	absent

**Analysis Procedure**

**TOTAL POLYPHENOLS:**

Spectrophotometric Method.

(g/100g of product as (+) catechin)

**METALS**

**Lead – Arsenic – Cadmium = ICP-OES Method**

**Mercury = extraction in nitric acid 1: 10**

**Salts – Acids – Metals**

Analysis	Method	Result	Um
CHLORIDE	ionic chromatography method	< 100	mgKg
SULPHATES	ionic chromatography method	< 100	mgKg
ORGANIC ACIDS	ionic chromatography method	< 1	g/Kg
FREE SUGARS	ionic chromatography method	< 10	g/Kg
MERCURY	extraction in nitric acid 1:10	< 0.02	mgKg
LEAD	ICP OES optic	< 0.1	mg/Kg
HEAVY METALS	ICP OES optic	traces	

Product for oenological use – Reg. (CE) N.606/2009

*This specifications should be taken as an indication and can be subjected to slight variations*