



Oak ellagic tannin in aqueous solution. Vanilla, cocoa and spices

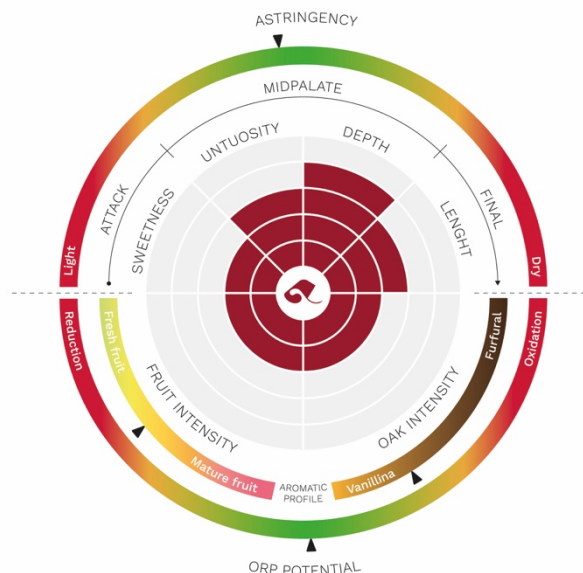
CHARACTERISTICS

Spirit Soul is a solution of French oak tannin in water. Its respectful production process allows the sweet tannins of the oak to be extracted, without astringent sensations or unpleasant aromas. Its liquid form facilitates application and eliminates the contact times required in treatments with different oak alternatives.

ORGANOLEPTIC PROPERTIES

Spirit Soul contributes attractive oak notes reminiscent of fine grain French oak of great elegance. Improves the aromatic complexity of the wines providing vanilla, cocoa and spices. At low doses, **Spirit Soul** helps reinforce the character of the fruit, respecting the varietal characteristics of the wines.

Spirit Soul participates positively in the midpalate and finish, contributing unctuousness and structure through a very pleasant tannin.



COMPOSITION

Oak ellagic tannin solution (*Quercus petraea* and *Quercus robur*), L (+) tartaric acid (E-334) and sulfur dioxide (E-220). (Contains sulfites: 40 - 80 ppm SO₂).

DOSAGE

5-20 ml/hl: Provides a subtle touch of oak, enhancing the primary aromas and providing a balanced sensation in the mouth.

20-60 ml/hl: Intensifies the oak profile, highlighting the woody notes and contributing to greater structure and complexity in the wine.

Pre-testing is recommended to determine dosage.

INSTRUCTIONS FOR USE

Shake well before adding to wine to ensure homogenization. In finishing, it is recommended to add the product at least 1-2 weeks before bottling to stabilized wine, and filter the wine before bottling. Perform laboratory tests to adjust doses and evaluate its filterability.

PHYSICAL APPEARANCE

Brown liquid.

PRESENTATION

1 and 5 kg packages.

PHYSICOCHEMICAL AND MICROBIOLOGICAL PROPERTIES

EP 564 (rev.1)

| | |
|------------------------------|-----------|
| Total polyphenol [%] | >15 |
| pH | 2.6 – 2.8 |
| SO ₂ [mg/l] | 40 - 80 |
| Density 20°C (g/ml) | 1.10-1.14 |
| Dry residue [%](p/p) | >25 |
| Insoluble fraction[%] | < 2 |
| As [mg/kg] | < 3 |
| Fe [mg/kg] | < 50 |
| Cu [mg/kg] | < 5 |
| Pb [mg/kg] | < 5 |
| Hg [mg/kg] | < 0.5 |
| Cd [mg/kg] | < 0.5 |
| <i>Salmonella</i> [UFC/25ml] | Assenza |
| Coliformi totali [UFC/ml] | < 30 |
| <i>E. coli</i> [UFC/25 ml] | Assenza |
| Molds [UFC/ml] | < 100 |

STORAGE

Store in the original packaging in a cool and dry place, absent odors. Optimal storage temperature 4-8°C

Once opened, it should be used as soon possible.

Best before 1 year of packaging.

SPIRIT SOUL/ Rev.1 / Date: 18/11/2024