

# VETIVER PARAGUAY



ALPACASA

TECHNICAL DATA SHEET

## PRODUCT IDENTIFICATION:

**Supplier:** Alpacasa  
**Botanical name:** Vetiveria Zizanoides  
**Country of origin:** Paraguay

## IDENTITY

**Cas:** 8016-96-4  
**Cas-einecs:** 84238-29-9  
**Einecs/elincs:** 282-490-8  
**Fda nr:** n/a  
**Fema:** n/a  
**Tariff n°:** 3301.29.22

## CORE TESTS

**Gardner color scale 2000+:** 4/30BS11- 4/30AS9  
**Odor:** Sweat, earthy, woody  
**Specific gravity D25/25:** 0,950-0,960  
**Appearance:** Viscous liquid  
**Relative density d20/4:** 1,000 g/cm<sup>3</sup> (20 °C)  
**Visual color:** Light brown  
**Refractive index nD20:** 1.500-1.525

## GC ON APPROPRIATE COLUMN

**VETISELINOL:** 0,5% to 2%  
**KHUSIMOL:** 5,5% to 10,41%  
**VETIVENOL:** 8% to 16%  
**BETA VETIVON:** 1,2% to 4%  
**ALPHA VETIVON:** 3% to 7,10%  
**SUM ALCOHOLS:** 19% to 35,7%

## ADDITIONAL DATA

**Optical rotation:** 15/45  
**Acid value:** n/a  
**Flash point:** 110 °C  
**Melting point:** n/a  
**Solubility:** Insoluble in water

## STORAGE AND PACKING

**Packing:** Steel drums containers with internal epoxy paint coating  
**Stability:** Not to be exposed to open flame  
**Storage conditions:** Store in well ventilated dry area in sealed containers  
**Shelf life:** 24 months

