

TECHNICAL DATA SHEET

VETIVER PARAGUAY



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:	Sweet, earthy, woody
Specific gravity D25/25:	0.950 to 0.960
Appearance:	Viscous liquid
Relative density d20/4:	1.000 g/cm ³ (20 °C)
Visual color:	Light brown
Refractive index nD20:	1.500 to 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