



PHYTOS

Phytos Natur CZ. s.r.o.

TECHNICAL DATA SCHEET (TDS)

Product Name	VETIVER
Botanical Name	Vetiveria Zizanioides
CAS #	8016-96-4 / 84238-29-9
ENCIES #	282-490-8
INCI Name	Vetiveria Zizanioides Root Oil

Origin	India
Part Used	Roots
Extraction Method	Steam Distilled Essential Oil
Quality	100 % Pure and Natural
Note Classification	Base Note, Excellent Fixative

PROPERTIES	SPECIFICATIONS
Appearance	Amber brown to reddish brown colored, slightly viscous liquid
Odor	Deep, rich, slightly sweet, resinous, earthy odor
Refractive Index	1.516 - 1.530 @ 20°C
Specific Gravity (g/mL)	0.980 - 1.015 @ 20°C
Optical Rotation (°)	+15° to +48°
Solubility	Soluble in alcohols and fixed oils; Insoluble in water

MICROBIAL ANALYSIS	SPECIFICATIONS	STANDARDS
Aerobic Mesophilic Bacterial Count	< 100 CFU/g	ISO 21149
Yeast and Mold	< 10 CFU/g	ISO 16212
Candida albicans	ABSENT / 1g	ISO 18416
Escherichia coli	ABSENT / 1g	ISO 21150
Pseudomonas aeruginosa	ABSENT / 1g	ISO 22717
Staphylococcus aureus	ABSENT / 1g	ISO 22718

HEAVY METAL TESTS	SPECIFICATIONS	STANDARDS
Lead: Pb (mg/kg or ppm)	< 10 ppm	na
Arsenic: As (mg/kg or ppm)	< 2 ppm	na
Mercury: Hg (mg/kg or ppm)	< 1 ppm	na

STABILITY AND STORAGE:

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 24 months, quality should be checked before use.



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As it is electronically generated document, hence no signature required.



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