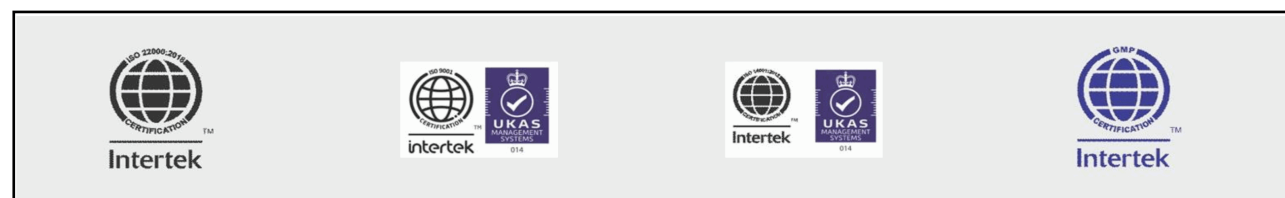


TECHNICAL DATA SHEET

Sr. No. : UL1006311-V-04
Issue Date: 17/04/2023

QUALITY CONTROL : We declare that certificate of analysis of this material is inspected according to quality parameters as below :

Item Code	UL1006311
Item Name	VETIVERT OIL



Test Parameters	Specifications
CAS #	8016-96-4
EINECS #	282-490-8
Botanical Name	Vetiveria zizanioides
Description	Yellowish brown to reddish brown mobile liquid with Woody, sweet, balsamic odor.
Origin	This essential oil is obtained by the steam distillation from the dried roots of Vetiveria zizanioides.
Appearance	Yellowish brown to reddish brown
Physical Status	Liquid
Flash Point (Closed cup) °C	87°C
Refractive Index	1.520 - 1.530 @20°C
Relative Density	0.980 - 1.018 @20°C
Optical Rotation	+17° to +32°
Solubility in Alcohol	1:2 in 80% ethanol
Solubility in Water	Insoluble
Assay by GC	Khusimol: 6.0 - 11% alpha-Vetivone: 2-4% Isovalencenol: 1-7% beta-Vetivone: 2-4%
Shelf Life	12 months with proper storage conditions.
Legislation	Natural
Stability	Avoid strong acids strong bases & all oxidizing agents.
Uses	Fragrance and Flavour application.

PACKING & STORAGE	Should be stored in cool, dry, well ventilated places in full, tightly sealed containers, protected from light & source of ignition.
HANDLING PRECAUTION	Handle in adequate ventilation, Avoid skin and eye contact, use goggles or face shield and wear protective clothing.

This is a system generated document hence need not be authenticated.

