

TECHNICAL DATA SHEET

Sr. No. : UL3000425-V-04
Issue Date: 04/05/2023

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

Item Code	UL3000425
Item Name	VETIVERT OIL CO2



Test Parameters	Specifications				
CAS #	8016-96-4				
EINECS #	282-490-8				
Botanical Name	Chrysopogon zizanioides				
Description	Golden yellow to dark brown color slightly viscous liquid with aromatic somewhat woody odor.				
Origin	The essential oil is obtained by CO2 extraction from the dried roots of Chrysopogon zizanioides.				
Appearance	Golden yellow to dark brown				
Physical Status	Viscous				
Flash Point (Closed cup) °C	119°C				
Refractive Index	1.487 - 1.546 @20°C				
Relative Density	1.013 - 1.053 @25°C				
Optical Rotation	23° to 43°				
Solubility in Alcohol	Soluble				
Solubility in Water	Insoluble				
Assay by GC	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Khusimol: 15-20%</td> <td style="width: 50%;">alpha-vetivone: 5-15%</td> </tr> <tr> <td>Iso valencenol: 4-10%</td> <td>Vetiseilinenol: 1-5%</td> </tr> </table>	Khusimol: 15-20%	alpha-vetivone: 5-15%	Iso valencenol: 4-10%	Vetiseilinenol: 1-5%
Khusimol: 15-20%	alpha-vetivone: 5-15%				
Iso valencenol: 4-10%	Vetiseilinenol: 1-5%				
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.

