

64/1, Site-IV, Industrial Area, Sahibabad, Ghaziabad-201 010 (U.P.) **INDIA** Tel: +91-120-4388500 (30 Lines) Fax: +91-120-4374000 / 4374444 E-mail: ultra@ultraintl.com

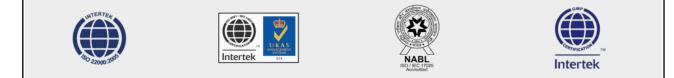
TECHNICAL DATA SHEET

Sr. No. : RM01721-V-01

Issue Date: 28/12/2018

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

Item Code	UIL145785
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 col	Golden yellow to dark brown color slightly viscous liquid with woody, herbaceous, spicy odour	
Origin	The essential oil is obtained b	The essential oil is obtained by CO2 extraction from the dried roots of Chrysopogon zizanioides	
Appearance	Go	Golden yellow to dark brown	
Physical Status		VISCOUS	
Flash Point (Closed cup) °C		87°C	
Refractive Index		1.487 - 1.548 @20⁰C	
Relative Density		1.013 - 1.053 @25°C	
Optical Rotation		23° to 43°	
Solubility in Alcohol Soluble		Soluble	
Solubility in Water		Insoluble	
Assay by GC	Khusimol: 15-20%	Isovalencenol: 5-10%	
	alpha-vetivone: 8-15%	Vetiseilinenol: 1-5%	
Shelf Life	12 months	12 months under proper storage conditions	
Legislation		Natural	
Stability	Avoid strong acid	Avoid strong acids strong bases and all oxidizing agents	
Uses		Perfumes & Fragrances	

PACKING & STORAGE	Should be stored in a cool, dry well ventilated places in full tightly sealed containers protected from light. Containers should be kept away from light and sources 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.



OFFICE 304, AVG Bhawan, M-3, Connaught Circus, New Delhi-110 001 (INDIA) Tel: +91-11-41517010 * Fax: +91-11-41517050 / 23417776 E-mail: ultra@ultraintl.com * www.ultrainternational.com AN ISO 9001:2008 & 14001:2004 CERTIFIED ORGANISATION

