

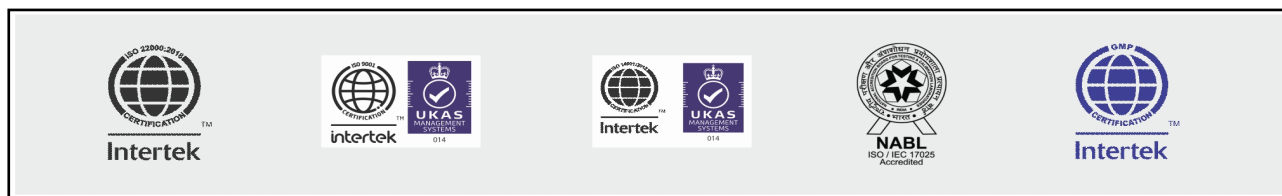
TECHNICAL DATA SHEET

Sr. No. : UL3000023-V-04

Issue Date: 23/03/2023

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

Item Code	UL3000023
Item Name	PATCHOULI OIL



Test Parameters	Specifications
CAS #	8014-09-3
EINECS #	282-493-4
FEMA#	2838
Botanical Name	Pogostemon cablin
Description	Brown to dark brown liquid with sweet herbaceous, aromatic, spicy woody, balsamic odor.
Origin	Obtained by steam distillation of dried leaf/twig of Pogostemon cablin
Appearance	Brown to dark brown
Physical Status	Liquid
Flash Point (Closed cup) °C	>93°C
Refractive Index	1.505 - 1.515 @20°C
Relative Density	0.950 - 0.975 @20°C
Optical Rotation	-48° to -65°
Solubility in Alcohol	1:9 in 90% Alcohol
Solubility in Water	Insoluble
Assay by GC	Patchouli alcohol: min 30% beta-Patchoulene: 1.8 - 3.5% beta-caryophyllene: 2 - 5% alpha - Guaiene : 11 - 16% alpha-Bulnesene: 13 - 21%
Shelf Life	12 months under proper storage conditions.
Legislation	Natural
Stability	Avoid strong acids strong bases and all oxidizing agents.
Uses	Fragrance/Flavour application.

PACKING & STORAGE	Should be stored in a cool, dry well ventilated places in full tightly sealed containers protected from light.
HANDLING PRECAUTION	Handle with adequate ventilation Avoiding skin & eye contact. Use goggles or face shield safety gloves and wear protective clothing.

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