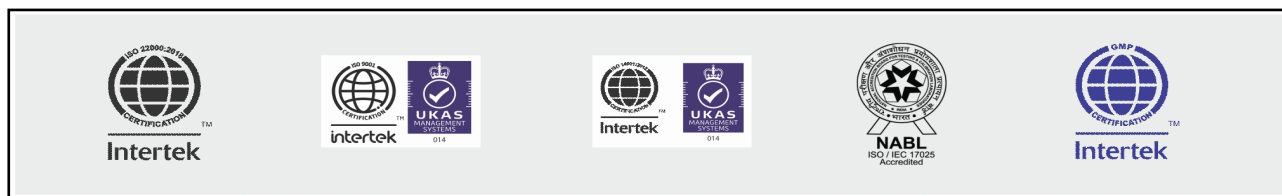


TECHNICAL DATA SHEET

Sr. No. : UL3000105-V-04
Issue Date: 16/02/2023
QUALITY CONTROL : We declare that certificate of analysis of this material is inspected according to quality parameters as below :

Item Code	UL3000105
Item Name	AMYRIS OIL



Test Parameters	Specifications						
CAS #	8015-65-4						
EINECS #	291-076-6						
Botanical Name	Amyris balsamifera L.						
Description	Pale yellow to amber yellow mobile liquid.						
Origin	Obtained by the steam distillation from wood of Amyris balsamifera						
Appearance	Pale yellow to amber yellow						
Physical Status	Liquid						
Flash Point (Closed cup) °C	> 93°C						
Refractive Index	1.504 - 1.512 @20°C						
Relative Density	0.946 - 0.978 @20°C						
Optical Rotation	+20 to +45°						
Solubility in Alcohol	Soluble						
Solubility in Water	Insoluble						
Assay by GC	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Alpha elemol: 5.0 - 15.0%</td> <td style="width: 50%;">10-epi-gamma eudesmol: 6.0-12.0%</td> </tr> <tr> <td>Gamma eudesmol: 4.0 - 12.0 %</td> <td>Valerianol: 15.0 - 40.0 %</td> </tr> <tr> <td>7-epi-alpha eudesmol: 7.0 - 15.0 %</td> <td></td> </tr> </table>	Alpha elemol: 5.0 - 15.0%	10-epi-gamma eudesmol: 6.0-12.0%	Gamma eudesmol: 4.0 - 12.0 %	Valerianol: 15.0 - 40.0 %	7-epi-alpha eudesmol: 7.0 - 15.0 %	
Alpha elemol: 5.0 - 15.0%	10-epi-gamma eudesmol: 6.0-12.0%						
Gamma eudesmol: 4.0 - 12.0 %	Valerianol: 15.0 - 40.0 %						
7-epi-alpha eudesmol: 7.0 - 15.0 %							
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 with adequate ventilation Avoiding skin & eye contact. Use goggles or face shield safety gloves and wear protective clothing.

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

