

## TECHNICAL DATA SHEET

**Sr. No. : UL1012957-V-04**
**Issue Date: 13/05/2023**

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

<b>Item Code</b>	<b>UL1012957</b>
<b>Item Name</b>	<b>GALBANUM OIL</b>



Test Parameters	Specifications
<b>CAS #</b>	8023-91-4
<b>EINECS #</b>	296-925-4
<b>FEMA#</b>	2501
<b>Botanical Name</b>	Ferula galbaniflua
<b>Description</b>	Colorless to pale yellow mobile liquid with characteristic odor.
<b>Origin</b>	This essential oil is obtained by the steam distillation from the plant of Ferula galbaniflua.
<b>Appearance</b>	Colorless to pale yellow
<b>Physical Status</b>	Liquid
<b>Flash Point (Closed cup) °C</b>	43°C
<b>Refractive Index</b>	1.478 - 1.485 @20°C
<b>Relative Density</b>	0.867 - 0.890 @20°C
<b>Optical Rotation</b>	+7° to +17°
<b>Solubility in Alcohol</b>	Soluble
<b>Solubility in Water</b>	Insoluble
<b>Assay by GC</b>	alpha-pinene: 5-12% beta-pinene: 40-70% Sabinene: 0.3-3% Myrcene: 2.5-3.5% Delta-3-carene: 1-10%
<b>Shelf Life</b>	12 months with proper storage conditions.
<b>Legislation</b>	Natural
<b>Stability</b>	Avoid strong acids strong bases & all oxidizing agents.
<b>Uses</b>	Cosmetic, flavor and fragrance application.

<b>PACKING &amp; STORAGE</b>	Should be stored in cool, dry, well ventilated places in full, tightly sealed containers, protected from light & source of ignition.
<b>HANDLING PRECAUTION</b>	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.

