

## TECHNICAL DATA SHEET AND CERTIFICATE OF ANALYSIS

<b>PRODUCT NAME</b>	<b>BASIL ESSENTIAL OIL ( OCIMUM BASILCUM)</b>
<b>BOTANICAL NAME</b>	<b>OCIMUM BASILCUM</b>
<b>PRODUCT CODE</b>	<b>VOP-EXP-BEO-2026</b>
<b>CAS NO#</b>	<b>8006-90-4</b>
<b>ORIGIN</b>	<b>INDIA</b>
<b>LOT NO</b>	<b>MARCH-2026 (BES) 4500 KG</b>

<b>PART USED</b>	<b>LEAVES</b>
<b>EXTRACTION METHOD</b>	<b>STEAM DISTILLED ESSENTIAL OIL</b>
<b>QUALITY</b>	<b>100% PURE AND NATURAL</b>
<b>NOTE CLASSIFICATION</b>	<b>TOP NOTE</b>

<b>PROPERTIES</b>	<b>SPECIFICATION</b>
<b>APPEARANCE</b>	<b>Light Pale yellowish Liquid</b>
<b>ODOUR</b>	<b>Spicy odour</b>
<b>REFRACTIVE INDEX @25DegC</b>	<b>1.5050</b>
<b>SPECIFIC GRAVITY (g/ML) @25DegC</b>	<b>0.8999</b>
<b>OPTICAL ROTATION</b>	<b>-7.08</b>
<b>SOLUBILITY</b>	<b>SOLUBLE IN ALCHOL OR FIXED OILS</b>
	<b>INSOLUBLE IN WATER</b>
<b>MFG DATE</b>	<b>MARCH 2026</b>
<b>BEST BEFORE</b>	<b>MARCH 2029</b>

### CHROMATOGRAPHY ANALYSIS

<b>COMPOUND</b>	<b>TECHNICAL RANGE</b>	<b>RESULT</b>	<b>STATUS</b>
<b>LINALOOL</b>	<b>16.0% To 22.0%</b>	<b>18.21%</b>	<b>COMPLIES</b>
<b>METHYL CHAVICOL</b>	<b>70.0% To 78.0%</b>	<b>72.50%</b>	<b>COMPLIES</b>
<b>Trans Alpha-Bisabolene</b>	<b>1.0% To 2.5%</b>	<b>1.84%</b>	<b>COMPLIES</b>



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**STABILITY AND STORAGE:**

Keep It in a Tightly Closed Container in a Cool And Dry Place Protected From Sunlight. When stored for more than 36 months, the quality should be checked before use because its shelf life is 3 years from the date of manufacturing.

**AUTHORISED SIGNATORY**



**ISSUED BY: VISHWANATH OILS PRODUCTS**  
**Dr. Bhumika Srivastav**  
**Quality Manager**



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