

CERTIFICATE OF ANALYSIS

Product: Rosemary Essential Oil (*Rosmarinus officinalis*)
Lot No.: 22978-A
Best Before: July, 2022
Country: Morocco
Extraction Method: Steam Distilled
Cultivation: Farm Cultivated USDA Certified Organic

Store in air tight containers; in a cool dry area; away from direct sunlight.

Properties	Specifications	Results
Appearance:	Colorless to pale yellow to greenish liquid.	Complies
Odor:	Characteristic camphor odor	Complies
Solubility:	Soluble in alcohol, Insoluble in water	Complies
Specific Gravity:	0.907 to 0.920 @ 20°C	0.9103
Refractive Index:	1.464 to 1.472 @ 20°C	1.4663
Optical Rotation:	-2° to +5° @ 20°C	+0.52°
1,8-cineole:	40 - 53 %	48.51
α-pinene:	8 - 14 %	Complies
Camphene:	6 - 14 %	Complies
Limonene:	1.5 - 3.5 %	2.9