

CERTIFICATE OF ANALYSIS

Product: Eucalyptus Blue Mallee Organic Essential Oil
Lot No.: 50050A10121
Best Before: September, 2025
Store in air tight container; in a cool dry area; away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Colorless to pale yellow liquid.	Complies
Odor:	Predominately of 1,8-cineole.	Complies
Solubility:	Soluble in alcohol and oils. Insoluble in water.	Complies
Specific Gravity:	0.918 to 0.928 @ 20°C	0.9219
Optical Rotation:	0.0° to +2.5° @ 20°C	+0.4°
Refractive Index:	1.4580 to 1.4700 @ 20°C	1.4605
1,8-Cineole:	80 - 98 %	89.53
Camphene:	0.0 - 0.2 %	0.07

Disclaimer & Caution

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CERTIFICATE OF ANALYSIS

Product: Eucalyptus Blue Mallee Organic Essential Oil
Lot No.: 50050A10519
Best Before: January, 2024
Store in air tight container; in a cool dry area; away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Colorless to pale yellow liquid.	Complies
Odor:	Characteristic strong, fresh, penetrating odor. Camphor-like odor.	Complies
Solubility:	Soluble in alcohol and oils. Insoluble in water.	Complies
Specific Gravity:	0.918 to 0.928 @ 20°C	0.9230
Optical Rotation:	0.0° to +2.5° @ 20°C	+0.7°
Refractive Index:	1.4580 to 1.4700 @ 20°C	1.4590
1,8-Cineole:	80 – 98 %	93.74 %
α -pinene:	1 – 9 %	1.56 %
β -pinene:	0 – 3 %	1.40 %
Limonene:	0 – 12 %	1.26 %

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CERTIFICATE OF ANALYSIS

Product: Eucalyptus Blue Mallee Organic Essential Oil

Lot No.: 50050-A11

Best Before: July, 2023

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

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Colorless to pale yellow liquid.	Complies
Odor:	Characteristic strong, fresh, penetrating odor. Camphor-like odor.	Complies
Solubility:	Soluble in alcohol and oils. Insoluble in water.	Complies
Specific Gravity:	0.918 to 0.928 @ 20°C	0.9206
Optical Rotation:	0.0° to +2.5° @ 20°C	+0.3°
Refractive Index:	1.4580 to 1.4700 @ 20°C	1.4609
1,8-Cineole:	80 – 98 %	87.57 %
α -pinene:	1 – 9 %	1.56 %
β -pinene:	0 – 3 %	1.40 %
Limonene:	0 – 12 %	1.26 %

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CERTIFICATE OF ANALYSIS

Product: Eucalyptus Blue Mallee Organic Essential Oil
Lot No.: 50050-A10,B10
Best Before: July, 2022
Store in air tight container; in a cool dry area; away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Colorless to pale yellow liquid.	Complies
Odor:	Characteristic strong, fresh, penetrating odor. Camphor-like odor.	Complies
Solubility:	Soluble in alcohol and oils. Insoluble in water.	Complies
Specific Gravity:	0.918 to 0.928 @ 20°C	0.9206
Optical Rotation:	0.0° to +2.5° @ 20°C	+0.4°
Refractive Index:	1.4580 to 1.4700 @ 20°C	1.4584
1,8-Cineole:	80 – 98 %	86.64 %
α -pinene:	1 – 9 %	1.32 %
β -pinene:	0 – 3 %	1.36 %
Limonene:	0 – 12 %	1.70 %

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CERTIFICATE OF ANALYSIS

Product: Eucalyptus Blue Mallee Organic Essential Oil
Lot No.: 50050-A09,B09
Best Before: February, 2022
Store in air tight container; in a cool dry area; away from direct sunlight.

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Colorless to pale yellow liquid.	Complies
Odor:	Characteristic strong, fresh, penetrating odor. Camphor-like odor.	Complies
Solubility:	Soluble in alcohol and oils. Insoluble in water.	Complies
Specific Gravity:	0.918 to 0.928 @ 20°C	0.922
Optical Rotation:	0.0° to +2.5° @ 20°C	+0.2°
Refractive Index:	1.4580 to 1.4700 @ 20°C	1.4605
1,8-Cineole:	80 - 98 %	88.47 %
α -pinene:	1 - 9 %	1.15 %
β -pinene:	0 - 3 %	1.15 %
Limonene:	0 - 12 %	1.66 %

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