

CERTIFICATE OF ANALYSIS

Product: Neroli (Egypt) Essential Oil

Lot No.: 11309 - A05

Best Before: March, 2021

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

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Pale yellow to amber clear liquid.	Complies
Odor:	Characteristic floral, citrus, fresh.	Complies
Solubility:	Soluble in ethyl alcohol. Insoluble in water.	Complies
Specific Gravity:	0.864 to 0.881 @ 20°C	0.8763
Optical Rotation:	+1.0° to +14.0° @ 20°C	+4.5°
Refractive Index:	1.460 to 1.480 @ 20°C	1.4650
Limonene:	10 - 14 %	10.65
Linalool:	38 - 48 %	38.35
Linalyl acetate:	13 - 28 %	22.25
Nerolidol:	0 - 5 %	1.94
Farnesol:	0 - 5 %	1.51

Disclaimer & Caution

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CERTIFICATE OF ANALYSIS

Product: Neroli (Egypt) Essential Oil

Lot No.: 11309A041

Best Before: March, 2021

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

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Pale yellow to amber clear liquid.	Complies
Odor:	Characteristic floral, citrus, fresh.	Complies
Solubility:	Soluble in ethyl alcohol. Insoluble in water.	Complies
Specific Gravity:	0.864 to 0.881 @ 20°C	0.881
Optical Rotation:	+1.0° to +14.0° @ 20°C	Complies
Refractive Index:	1.460 to 1.480 @ 20°C	1.4673
Limonene:	10 - 14 %	Complies
Linalool:	38 - 48 %	Complies
Linalyl acetate:	13 - 28 %	Complies
Nerolidol:	0 - 5 %	Complies
Farnesol:	0 - 5 %	Complies

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CERTIFICATE OF ANALYSIS

Product: Neroli (Egypt) Essential Oil

Lot No.: 11309- AO3,B03,C03

Best Before: March, 2020

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

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Pale yellow to amber clear liquid.	Complies
Odor:	Characteristic floral, citrus, fresh.	Complies
Solubility:	Soluble in ethyl alcohol. Insoluble in water.	Complies
Specific Gravity:	0.864 to 0.881 @ 20°C	0.8738
Optical Rotation:	+1.0° to +14.0° @ 20°C	+4.2°
Refractive Index:	1.460 to 1.480 @ 20°C	1.4730
Limonene:	10 - 14 %	10.45
Linalool:	38 - 48 %	39.58
Linalyl acetate:	13 - 28 %	19.82
Nerolidol:	0 - 5 %	1.77
Farnesol:	0 - 5 %	1.58

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CERTIFICATE OF ANALYSIS

Product: Neroli (Egypt) Essential Oil
Lot No.: 11309- AO2,B02
Best Before: March, 2019

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

<u>Properties</u>	<u>Specifications</u>	<u>Results</u>
Appearance:	Pale yellow to amber clear liquid.	Complies
Odor:	Characteristic floral, citrus, fresh.	Complies
Solubility:	Soluble in ethyl alcohol. Insoluble in water.	Complies
Specific Gravity:	0.864 to 0.881 @ 20°C	0.8729
Optical Rotation:	+1.0° to +14.0° @ 20°C	+4°
Refractive Index:	1.460 to 1.480 @ 20°C	1.4691
Limonene:	10 - 14 %	10.73
Linalool:	38 - 48 %	38.81
Linalyl acetate:	13 - 28 %	18.92
Nerolidol:	0 - 5 %	1.77
Farnesol:	0 - 5 %	1.18

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