Certificate of Analysis

1) Product Identification

Product Name:	Chamomile Roman Essential Oil
Botanical Name:	Chamaemelum nobile
Country of Origin:	USA
Cultivation Method:	Conventional
Extraction Method:	Steam Distilled
Plant Part:	Flower Heads
Lot #:	4
Best by Date:	August 2022

2) Physical and Chemical Properties

Appearance:	Colourless to pale yellow to light blue-green liquid.	Conforms
Odor:	Sweet, fruity, warm and herbaceous.	Conforms
Specific Gravity:	0.892 to 0.910 @ 20˚C	Conforms
Refractive Index:	1.440 to 1.450 @ 20˚C	Conforms
Solubility:	Soluble in alcohol and oils. Insoluble in water.	Conforms

3) Gas Chromatography Analysis (Typical)

Components:

Isoamyl Tiglate	18.46%		Isobutyl-Angelate	16.01%
2-Butenoic Acid, 2-Methyl-, 2-Methyl-2-Propenyl Ester, (Z)-	9.45%		Methylpentyl-Angelate	9.33%
Isoamyl-Angelate	6.56%		alpha-Pinene	4.67%
trans-Pinocarveol	4.03%		2-Methylbutyl Isobutyrate	2.58%
gamma-Muurolene	2.72%		3-Methylpentyl Methacrylate	2.33%
Camphene	2.37%		Isobutyl Methacrylate	2.25%
Pinocarvone	1.49%		Isobutyl Isobutyrate	1.74%
3-Methyl pentyl-Isobutyrate	0.88%		Propyl Angelate	0.62%
2-Propenoic Acid, 2-Methyl-, 3-Methylbutyl Ester	2.91%		2-Methyl Butyl-2-Methyl Butyrate	0.61%
Isobutyl-, 2-Methyl-Butyrate	0.54%		Borneol	0.48%
Butyl Angelate	0.42%		beta-Pinene	0.39%
Isoamyl Isobutyrate	0.35%		para-Cymene	0.25%
3Z-Hexenyl Angelate	0.16%		Limonene	0.13%
Isobutyl Tiglate	0.11%		alpha-Copaene	0.07%
2-Methyl-,Ethyl-Butyrate	0.06%		Sabinene	0.05%

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4) Storage Conditions

Store at temperature <30ºC in closed containers and protected from direct sunlight.

5) Remarks

This Essential Oil is a 100% pure and natural product.
It does not contain any artificial ingredients or adulteration of any kind to the best of our knowledge.

6) Disclaimer

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