



CERTIFICATE of ANALYSIS (COA)

Bergamot - Organic (SKU 125 lot 14)

LATIN NAME	<i>Citrus aurantium</i> var. <i>bergamia</i>
COUNTRY OF ORIGIN	Italy
CULTIVATION METHOD	Certified Organic (USDA, NOP)
TYPE	Essential Oil
EXTRACTION METHOD	Cold Pressed
PLANT PART	Peels
USE	Aromatherapy, Natural Perfumery

ANALYZED	January 22, 2021
MANUFACTURED	January 1, 2021
RETEST	January 1, 2023

SPECIFIC GRAVITY @ 20C	0,87
REFRACTIVE INDEX @ 20C	1,47
OPTICAL ROTATION @ 20C	31,00

PHYSICAL APPEARANCE	Transparent liquid. Some deposits may appear (waxes).
COLOR	Greenish yellow to green.
ODOR	Fresh, zesty, citrus aroma
SOLUBILITY	Soluble in alcohol and fixed oils.
SPECIAL USE INSTRUCTIONS	Dilute before use. Refrigerate to preserve freshness.

COMMENTS	
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COMPONENT	Actual %	CAS
Limonene ²	33,06%	138-86-3
Linalyl acetate	23,87%	115-95-7
Linalool ²	12,17%	78-70-6
gamma-Terpinene	10,45%	99-85-4
beta-Pinene	9,86%	127-91-3
alpha-Pinene	1,83%	80-56-8
Sabinene	1,42%	3387-41-5
Myrcene ¹	1,36%	123-35-3
beta-Bisabolene	0,66%	495-61-4
Neryl acetate	0,58%	141-12-8
Geranyl acetate	0,56%	105-87-3
Terpinolene	0,49%	586-62-9
alpha-, trans-Bergamotene	0,47%	13474-59-4
Caryophyllene(E-)	0,46%	13877-93-5
Geranial ²	0,42%	141-27-5
alpha-Thujene	0,40%	2867-05-2
para-Cymene	0,36%	99-87-6

alpha-Terpinyl acetate	0,25%	80-26-2
Neral ²	0,22%	106-26-3
octyl-Acetate	0,14%	112-14-1
alpha-Terpineol	0,14%	98-55-5
(E)-, beta-Ocimene	0,14%	3779-61-1
alpha-Terpinene	0,13%	99-86-5
Bergaptene	0,11%	484-20-8
n-Octanal	0,09%	124-13-0
Nerol	0,06%	106-25-2
n-Nonanal	0,05%	124-19-6
Citropten	0,05%	487-06-9
n-Decanal	0,04%	112-31-2
alpha-Phellandrene	0,04%	99-83-2
Camphene	0,02%	79-92-5
Citronellyl acetate	0,02%	150-84-5
trans-(Ac vs. IPP)Sabinene hydrate acetate	0,02%	77318-47-9
Bornyl acetate	0,02%	76-49-3
Total Deleted Low Purity Peaks	0,00%	
Not Identified Peaks	0,04%	
¹ = Proposition 65 compound, ² = EU Allergen		

MS Results for SKU 125 lot 14

