



CERTIFICATE OF ANALYSIS (COA)

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PRODUCT INFORMATION

Parameter	Details
Product Name	Petitgrain Absolute
Botanical Name	<i>Citrus aurantium</i> L. var. <i>amara</i>
INCI Name	Citrus Aurantium Amara Leaf/Twig Extract
Plant Part	Leaves and Young Twigs
Extraction Method	Solvent Extraction
Product Type	Natural Aromatic Extract
CAS Number	8014-17-3
Alternative CAS Number	72968-50-4
EC Number	277-143-2
Country of Origin	Paraguay
Batch Number	PGA-260723

ORGANOLEPTIC ANALYSIS

Test	Specification	Representative Result
Appearance	Viscous liquid / soft extract	Conforms
Colour	Olive green to dark green	Conforms
Odour	Fresh green, leafy, citrus, floral, petitgrain	Conforms
Foreign Matter	None Visible	Conforms

PHYSICO-CHEMICAL ANALYSIS

Test	Specification	Representative Result
Relative Density (20°C)	0.900–0.980	0.934
Refractive Index (20°C)	1.462–1.485	1.4712
Flash Point	>60°C	68°C
Solubility	Soluble in ethanol	Conforms



Residual Solvent	≤1.0%	0.18%
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REPRESENTATIVE GC PROFILE

Constituent	Representative Result
Linalyl Acetate	36.4%
Linalool	24.8%
α-Terpineol	4.5%
Geranyl Acetate	3.1%
Neryl Acetate	2.6%
Limonene	2.3%
β-Caryophyllene	1.4%
Geraniol	1.2%
Nerol	0.9%
Farnesol	0.4%
Other Natural Constituents	Balance

QUALITY STATUS

Assessment	Status
Natural Origin	Conforms
Professional Perfumery Grade	Conforms
GMO	Not Intentionally Used
Animal Derived Material	None
Vegan Suitable	Yes

STORAGE

Store tightly closed between 5–20°C, protected from heat, light and air.

SHELF LIFE

24 months under recommended storage conditions.

Authorised By

Fozia Khot
Director
Aromology Trading LLC