



CERTIFICATE OF ANALYSIS (COA)

Aromology Trading LLC
G05 Al Ghazal Building
Nadd Al Hamar
Dubai, United Arab Emirates

Website: www.aromology.com

Email: info@aromology.com

Telephone: +971 505197601

PRODUCT INFORMATION

Parameter	Details
Product Name	Rose Bourbon Absolute
Botanical Name	<i>Rosa bourboniana</i> L.
INCI Name	<i>Rosa Bourboniana</i> Flower Extract
CAS No.	97660-07-6
EC No.	307-515-2
Country of Origin	India
Plant Part Used	Fresh Flowers
Extraction Method	Solvent Extraction
Product Type	Natural Botanical Absolute

Analytical Results

Test Parameter	Specification	Result
Appearance	Clear to slightly hazy viscous liquid to semi-solid	Complies
Colour	Deep orange to reddish-amber	Complies
Odour	Rich, warm, sweet natural rose with honeyed, fruity, jam-like and slightly spicy nuances	Complies
Identification	Conforms to reference standard	Complies
Relative Density (20°C)	0.950–1.005	0.982
Refractive Index (20°C)	1.5050–1.5200	1.5116
Optical Rotation (20°C)	-5.0° to +10.0°	+2.8°
Acid Value	≤11.0 mg KOH/g	7.4 mg KOH/g
Solubility	Soluble in ethanol; insoluble in water	Complies
Residual Solvent	Conforms to internal specification	Complies
Flash Point	>90°C	98°C
Foreign Matter	None detected	Complies



Purity	100% Natural Botanical Absolute	Complies
Microbiological Quality	Conforms to internal specification	Complies

The physical-property ranges are consistent with commercial rose absolute specifications published for solvent-extracted rose absolutes.

Typical Chromatographic Profile (GC-MS)

The values below are representative of naturally occurring constituents in Rose Bourbon Absolute and may vary according to harvest, geographical origin and seasonal conditions.

Constituent	Typical Range (%)
Phenethyl Alcohol	45.0–70.0
Citronellol	6.0–15.0
Geraniol	2.5–8.0
Nerol	1.5–6.0
Eugenol	0.5–2.5
Methyl Eugenol	0.2–0.8
Farnesol	0.1–2.0
Linalool	0.1–2.0
Benzyl Alcohol	0.2–3.0
Other Naturally Occurring Constituents	Balance

These constituent ranges are representative of commercial rose absolutes and naturally vary from batch to batch.

Organoleptic Evaluation

Parameter	Assessment
Top Note	Fresh, bright floral rose
Heart Note	Rich, honeyed, fruity and jam-like rose
Dry Down	Deep floral, warm, spicy, waxy and persistent
Overall Quality	Premium natural Rose Bourbon Absolute suitable for fine fragrance applications
Organoleptic Conformity	Approved

Purity Statement



Rose Bourbon Absolute – India is obtained exclusively by solvent extraction of the flowers of *Rosa bourboniana* cultivated in India.

The material:

- Contains no added synthetic fragrance ingredients.
- Is free from mineral oils and fixed vegetable oils.
- Is produced from botanical raw material using accepted industrial extraction methods.
- Conforms to Aromology's internal quality specification for professional perfumery raw materials.

Storage

Parameter	Recommendation
Storage Temperature	15–25 °C
Storage Conditions	Store in a cool, dry and well-ventilated area
Container	Keep tightly closed in the original container
Protection	Protect from direct sunlight, heat and moisture
Shelf Life	24 months when stored under recommended conditions

If crystallisation or increased viscosity occurs during storage, gently warm the sealed container to approximately 35–40 °C before use.

Disclaimer

This Certificate of Analysis represents the typical quality specification for Rose Bourbon Absolute. Because this is a natural botanical extract, slight variations in colour, odour, density, refractive index and chromatographic composition may occur due to seasonal, climatic and geographical factors.

Where regulatory submission or customer-specific documentation is required, representative analytical values should be replaced with batch-specific laboratory results.

Authorised by

Fozia Khot
Director
Aromology Trading LLC