



CERTIFICATE OF ANALYSIS (COA)

PRODUCT INFORMATION

Product Name: Bisabolol Alpha Natural

Chemical Name: α -Bisabolol (Levomenol)

Synonyms: Natural Alpha-Bisabolol; (-)- α -Bisabolol

INCI Name: Bisabolol

CAS Number: 515-69-5

EC (EINECS) Number: 208-205-9

FEMA Number: 3330

Molecular Formula: C₁₅ H₂₆ O

Molecular Weight: 222.37 g/mol

Source: Naturally isolated from *Eremanthus erythropappus* (Candeia Wood)

Country of Origin: Brazil

Product Type: Natural Aroma Chemical

Batch Number: BAN-260702

Manufacturing Date: June 2026

Retest Date: June 2028

Issue Date: 02 July 2026

SPECIFICATION

Test	Specification	Result
Appearance	Clear, colourless to pale yellow viscous liquid	Conforms
Odour	Mild, sweet, floral, balsamic	Conforms
Assay (GC)	$\geq 95.0\%$ α -Bisabolol	Conforms



Relative Density (20 °C)	0.927 – 0.935	Conforms
Refractive Index (20 °C)	1.492 – 1.498	Conforms
Optical Rotation	-62° to -55°	Conforms
Flash Point	>100 °C	Conforms
Solubility	Insoluble in water; soluble in ethanol and fixed oils	Conforms
Purity	Natural	Conforms
Foreign Matter	None Detected	Conforms

These specification ranges are consistent with published supplier specifications for natural α -Bisabolol.

TYPICAL GC PROFILE (INFORMATIONAL)

Constituent	Typical (%)
α -Bisabolol	≥ 95.0
Farnesol	≤ 0.10
Other Naturally Occurring Sesquiterpene Alcohols Balance	

The composition may vary slightly depending on the botanical source and purification process.

ADDITIONAL INFORMATION

Chemical Class: Sesquiterpene Alcohol

Physical State: Liquid

Origin: Natural

Purity: $\geq 95\%$

GM0 Status: GM0 Free

BSE/TSE Status: Free from Animal-Derived Materials

Irradiation: Not Irradiated

Residual Solvents: None Detected



Preservatives: None Added

CONCLUSION

The above material conforms to the established quality specifications for Bisabolol Alpha Natural and is suitable for professional perfumery, cosmetic, personal care and fragrance applications.

Natural α -Bisabolol is a high-purity sesquiterpene alcohol obtained primarily from Candeia Wood (*Eremanthus erythropappus*). It possesses a delicate sweet, floral and balsamic aroma and is widely used as a fragrance modifier and fixative. In cosmetics it is highly valued for its soothing, skin-conditioning and anti-irritant properties, making it an important ingredient in premium skincare and personal care formulations.

Authorized by

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