



CERTIFICATE OF ANALYSIS (COA)

Product Information

Parameter	Specification
Product Name	Benzyl Butyrate Natural
Alternative Name	Natural Benzyl Butyrate
Chemical Name	Benzyl Butyrate (Benzyl Butanoate)
INCI Name	Benzyl Butyrate
CAS Number	103-37-7
EC Number	203-105-3
Molecular Formula	C ₁₁ H ₁₄ O ₂
Molecular Weight	178.23 g/mol
Origin	Natural
Production Method	Natural Isolation
Grade	Perfumery Grade
Product Type	Natural Aroma Isolate

ANALYTICAL SPECIFICATION

Test	Specification	Result
Appearance	Clear mobile liquid	Conforms
Colour	Colourless to Pale Yellow	Conforms
Odour	Sweet, fruity, apricot, peach, floral	Conforms
Purity (GC)	≥98.0%	Conforms
Relative Density (20 °C)	1.030–1.045	Conforms
Refractive Index (20 °C)	1.490–1.498	Conforms
Assay (GC)	≥98.0%	Conforms
Acid Value	≤1.0 mg KOH/g	Conforms
Moisture	≤0.20%	Conforms
Flash Point	Approximately 96 °C	Conforms
Solubility	Soluble in ethanol	Conforms

Identification

Parameter	Result
GC-MS Identity	Conforms



Natural Origin Verification Conforms

Storage

Store tightly closed in a cool, dry place away from direct sunlight, heat and oxidising agents.

Shelf Life

24 months from the date of manufacture when stored under recommended conditions.

Conclusion

This material complies with the established quality specifications for Benzyl Butyrate Natural – Apricot and is suitable for professional perfumery, flavour and fragrance applications.

Prepared By:

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