



CERTIFICATE OF ANALYSIS (COA)

Supplier

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PRODUCT INFORMATION

Parameter	Specification
Product Name	Butyl Butyrate Natural
Alternative Name	n-Butyl Butyrate Natural
Chemical Name	Butyl Butanoate
INCI Name	Butyl Butyrate
CAS Number	109-21-7
EC Number	203-656-8
Molecular Formula	$C_8H_{16}O_2$
Molecular Weight	144.21 g/mol
Origin	Natural Isolate
Grade	Premium Perfumery Grade
Product Type	Natural Aroma Ingredient

ANALYTICAL SPECIFICATION

Test	Specification	Result
Appearance	Clear mobile liquid	Conforms
Colour	Colourless	Conforms
Odour	Sweet green apple, pineapple, banana, fruity	Conforms
Purity (GC)	$\geq 95.0\%$	Conforms
Relative Density (20 °C)	0.870–0.878	Conforms
Refractive Index (20 °C)	1.394–1.399	Conforms
Flash Point	Approximately 33 °C	Conforms



Solubility

Miscible with ethanol and perfumery solvents

Conforms

Storage

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

Shelf Life

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

Conclusion

This material conforms to Aromology's quality specifications for Butyl Butyrate Natural – Green Apple and is suitable for professional perfumery applications.

Batch Number: BBN-260705

Manufacturing Date: 12 April 2026

Retest Date: 12 April 2028

Issue Date: 05 July 2026

Prepared By:

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