



CERTIFICATE OF ANALYSIS (COA)

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PRODUCT INFORMATION

Item	Details
Product Name	Isoamyl Acetate Natural
Alternative Names	Isopentyl Acetate Natural; 3-Methylbutyl Acetate
Chemical Name	Isoamyl Acetate
CAS Number	123-92-2
EC Number	204-662-3
FEMA Number	2055
Molecular Formula	C ₇ H ₁₄ O ₂
Molecular Weight	130.18 g/mol
Product Type	Natural Aroma Chemical
Origin	Natural (typically derived from fermentation-derived isoamyl alcohol and natural acetic acid)
Issue Date	18 July 2026

PHYSICAL SPECIFICATIONS

Parameter	Representative Specification	Representative Result
Appearance	Clear, colourless liquid	Complies
Odour	Powerful sweet banana, pear, fruity	Characteristic
Assay (GC)	≥99.0%	99.6%
Relative Density (20 °C)	0.870–0.880	0.876
Refractive Index (20 °C)	1.3990–1.4030	1.4015
Boiling Point	140–145 °C	142 °C
Flash Point	22–28 °C	25 °C
Acid Value	≤1.0 mg KOH/g	0.18 mg KOH/g



IDENTIFICATION (GC)

Component	Representative Result
Isoamyl Acetate	99.6%
Minor Natural Impurities	<0.4%

QUALITY DECLARATION

The representative material:

- Complies with fragrance-grade specifications.
 - Is of natural origin.
 - Contains no added solvents.
 - Contains no intentionally added preservatives.
 - Is suitable for professional perfumery, cosmetic and flavour applications.
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STORAGE

Store tightly closed in a cool, dry, well-ventilated location away from direct sunlight, ignition sources and oxidising materials.

CONCLUSION

The representative material complies with the above specifications. Batch-specific analytical results supplied by the original manufacturer shall take precedence.

Authorised by:

Fozia Khot
Director