



CERTIFICATE OF ANALYSIS (COA)

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PRODUCT INFORMATION

Item	Details
Product Name	Isoamyl Isobutyrate Natural
Alternative Names	Isopentyl Isobutyrate; 3-Methylbutyl Isobutyrate; Isoamyl 2-Methylpropanoate
CAS Number	2050-01-3
EC Number	218-078-1
FEMA Number	3507
JECFA Number	49
Molecular Formula	$C_9H_{18}O_2$
Molecular Weight	158.24 g/mol
Product Type	Natural Aroma Chemical
Origin	Natural
Issue Date	18 July 2026

PHYSICAL SPECIFICATIONS

Parameter	Specification	Representative Result
Appearance	Clear, colourless liquid	Complies
Odour	Fruity, pear, banana, tropical	Characteristic
Purity (GC)	$\geq 98.0\%$	99.3%
Specific Gravity (25 °C)	0.8530–0.8590	0.8562
Refractive Index (20 °C)	1.4040–1.4100	1.4062
Acid Value	≤ 1.0 mg KOH/g	0.18 mg KOH/g
Flash Point	$\geq 54^{\circ}\text{C}$ (129 °F)	Complies

IDENTIFICATION (GC)



Component	Representative Result
Isoamyl Isobutyrate	99.3%
Minor Natural Constituents	0.7%

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 and cosmetic manufacture.
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STORAGE

Store tightly closed in the original container in a cool, dry, well-ventilated location away from direct sunlight, heat and oxidising agents.

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