



## CERTIFICATE OF ANALYSIS (COA)

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**Aromology Trading LLC**  
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### PRODUCT INFORMATION

| Item              | Details                                    |
|-------------------|--------------------------------------------|
| Product Name      | Isobutyl Acetate Natural                   |
| Alternative Names | 2-Methylpropyl Acetate; Isobutyl Ethanoate |
| Chemical Name     | Isobutyl Acetate                           |
| CAS Number        | 110-19-0                                   |
| EC Number         | 203-745-1                                  |
| FEMA Number       | 2170                                       |
| JECFA Number      | 137                                        |
| Molecular Formula | $C_6H_{12}O_2$                             |
| Molecular Weight  | 116.16 g/mol                               |
| Product Type      | Natural Aroma Chemical                     |
| Origin            | Natural                                    |
| Issue Date        | 18 July 2026                               |

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### PHYSICAL SPECIFICATIONS

| Parameter               | Specification                      | Representative Result |
|-------------------------|------------------------------------|-----------------------|
| Appearance              | Clear, colourless liquid           | Complies              |
| Odour                   | Sweet, fruity, apple, pear, banana | Characteristic        |
| Purity (GC)             | ≥99.0%                             | 99.7%                 |
| Specific Gravity (20°C) | 0.867–0.873                        | 0.870                 |
| Refractive Index (20°C) | 1.3920–1.3960                      | 1.3942                |
| Acid Value              | ≤1.0 mg KOH/g                      | 0.15 mg KOH/g         |
| Flash Point             | 16–20°C                            | 18°C                  |

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## IDENTIFICATION (GC)

| Component                  | Representative Result |
|----------------------------|-----------------------|
| Isobutyl Acetate           | 99.7%                 |
| Minor Natural Constituents | 0.3%                  |

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## 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 in tightly closed containers in a cool, dry and well-ventilated location away from direct sunlight, heat and oxidising agents.

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## CONCLUSION

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

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**Authorised by:**  
Fozia Khot  
Director