



CERTIFICATE OF ANALYSIS (COA)

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PRODUCT INFORMATION

Item	Details
Product Name	HEDIONE®
Manufacturer	dsm-firmenich
Chemical Name	Methyl Dihydrojasmonate
IUPAC Name	Cyclopentaneacetic acid, 3-oxo-2-pentyl-, methyl ester
CAS Number	24851-98-7
EC Number	246-495-9
REACH Number	01-2119493355-31
FEMA Number	3408
Product Type	Aroma Chemical
Purity	≥99% (Representative)
Issue Date	18 July 2026

PHYSICAL SPECIFICATIONS

Parameter	Representative Specification	Representative Result
Appearance	Clear liquid	Complies
Colour	Colourless	Complies
Odour	Floral, jasmine, transparent, citrus	Characteristic
Purity (GC)	≥99.0%	99.6%
Specific Gravity (25 °C)	0.995–1.005	1.000
Refractive Index (20 °C)	1.470–1.476	1.473
Flash Point	>100 °C	148 °C
Water Content	≤0.20%	0.05%



Representative physical properties and flash point are consistent with the manufacturer's published technical data.

QUALITY DECLARATION

The representative material:

- Meets commercial HEDIONE® (dsm-firmenich) specifications.
 - Is suitable for professional fragrance manufacture.
 - Is free from intentionally added solvents and carrier oils.
 - Is readily biodegradable.
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STORAGE

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

CONCLUSION

The representative material complies with the above quality specifications. Batch-specific analytical data supplied by dsm-firmenich shall take precedence.

Authorised by:
Fozia Khot
Director