



CERTIFICATE OF ANALYSIS (COA)

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PRODUCT INFORMATION

Product Information	Details
Product Name	Methyl Hexyl Ketone
Chemical Name	2-Octanone
Synonyms	Methyl Hexyl Ketone; Methyl n-Hexyl Ketone
CAS Number	111-13-7
EC Number	203-838-7
Molecular Formula	C ₈ H ₁₆ O
Molecular Weight	128.21 g/mol
Product Type	Aroma Chemical
Purity	≥99.0%
Batch Number	MHK-260721

Organoleptic Properties

Test	Specification	Result
Appearance	Clear liquid	Conforms
Colour	Colourless	Conforms
Odour	Fruity, creamy, cheese-like, fatty	Conforms

Physico-Chemical Properties

Test	Specification	Result
Assay (GC)	≥99.0%	99.6%
Relative Density (20 °C)	0.818–0.824	0.821
Refractive Index (20 °C)	1.420–1.424	1.422
Flash Point	54–58 °C	56 °C



Boiling Point	171–174 °C	Conforms
Acid Value	≤1.0 mg KOH/g	0.12
Water Content (Karl Fischer)	≤0.20%	0.05%

Storage

Store tightly closed in a cool, dry, well-ventilated place away from heat, sparks and oxidising agents.

Recommended storage temperature: 15–25 °C.

Conclusion

This batch complies with Aromology Trading LLC quality specifications for Methyl Hexyl Ketone (2-Octanone) and is suitable for professional fragrance manufacture.

Authorised by

Fozia Khot
Director