



CERTIFICATE OF ANALYSIS (COA)

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Nympheal™

Product Identification

Item	Details
Product Name	Nympheal™
Manufacturer	Givaudan SA
Chemical Name	3-(4-Isobutyl-2-methylphenyl)propanal
CAS Number	1637294-12-2
EC Number	811-285-3
Molecular Formula	C ₁₄ H ₂₀ O
Molecular Weight	204.31 g/mol
Product Type	Aroma Chemical
Physical Form	Colourless Liquid
Odour Profile	Floral, Cyclamen, Muguet, Linden Blossom, Green, Watery

Analytical Specifications

Test	Specification	Result
Appearance	Clear colourless liquid	Conforms
Odour	Characteristic floral, muguet	Conforms
Identification (GC/IR)	Conforms to reference standard	Conforms
Assay (GC)	≥97.0%	To be reported
Relative Density (20 °C)	0.97 – 1.00	To be reported
Refractive Index (20 °C)	1.500 – 1.510	To be reported
Boiling Point	Approx. 96 °C (reduced pressure)	Conforms
Water Content	≤0.20%	To be reported
Colour	Colourless	Conforms



The notified purity of Nympheal™ is greater than 97%. Givaudan publishes a molecular weight of 204.3, vapour pressure of 0.001 hPa, boiling point of 96 °C (reduced pressure) and describes the material as a colourless liquid.

Storage

Store:

- Between 15–25 °C
- In tightly closed original containers
- Protected from light and moisture
- Away from heat and oxidising agents

Recommended retest period: 24 months under recommended storage conditions.

Conclusion

The material conforms to the representative quality specifications established for Nympheal™ (CAS 1637294-12-2).

This document represents a typical supplier specification. Batch-specific analytical values should be confirmed using the original Givaudan Certificate of Analysis.

Authorised by

Fozia Khot

Director

Aromology Trading LLC