



CERTIFICATE OF ANALYSIS (COA)

Aromology Trading LLC
G05 Al Ghazal Building
Nadd Al Hamar
Dubai, United Arab Emirates

Website: www.aromology.com
Email: info@aromology.com
Telephone: +971 505197601

Velvione™

Product Identification

Item	Details
Product Name	Velvione™
Manufacturer	Givaudan SA
Chemical Name	5-Cyclohexadecen-1-one
Synonyms	Ambretone®, Musk Amberol
CAS Number	37609-25-9
EC Number	253-568-9
REACH Registration No.	01-2120734168-53
Molecular Formula	C ₁₆ H ₂₈ O
Molecular Weight	236.40 g/mol
Product Type	Aroma Chemical
Chemical Family	Macrocyclic Musk
Physical Form	Colourless to Pale Yellow Viscous Liquid
Odour Profile	Powdery, Musky, Animalic, Clean Musk

Analytical Specifications

Test	Specification	Result
Appearance	Colourless to pale yellow viscous liquid	Conforms
Odour	Characteristic powdery musky odour	Conforms
Identification (GC/IR)	Conforms to reference standard	Conforms
Assay (GC)	≥98.0%	To be reported
Relative Density (20 °C)	0.920–0.940	To be reported
Refractive Index (20 °C)	1.480–1.490	To be reported
Boiling Point	Approximately 300 °C	Conforms



Vapour Pressure	0.0013 hPa	Conforms
Water Content	≤0.20%	To be reported
Colour	Colourless to pale yellow	Conforms

Givaudan publishes Velvione™ as a colourless liquid with molecular weight 236.4, boiling point 300°C, vapour pressure 0.0013 hPa, and recommended fragrance use level of 0.2–4%.

Storage

Store:

- Between 15–25 °C
- In tightly closed original containers
- Protected from direct sunlight
- Away from oxidising agents

Recommended retest period: 24 months under proper storage conditions.

Conclusion

The material conforms to the representative quality specifications established for Velvione™ (CAS 37609-25-9).

This document is a representative Certificate of Analysis. Actual batch analytical values should be verified using the original Givaudan batch COA.

Authorised by
Fozia Khot
Director
Aromology Trading LLC