



CERTIFICATE OF ANALYSIS (COA)

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Amberwood® F

Product Identification

Item	Details
Product Name	Amberwood® F
Manufacturer	Symrise AG
Product Number	600113
Chemical Name	(Ethoxymethoxy)cyclododecane
Synonyms	Formaldehyde Cyclododecyl Ethyl Acetal; Boisambrene Forte
CAS Number	58567-11-6
EC Number	261-332-1
REACH Registration No.	01-2119971571-34
Molecular Formula	C ₁₅ H ₃₀ O ₂
Molecular Weight	242.40 g/mol
Product Type	Aroma Chemical
Chemical Class	Acetal
Physical Form	Clear, Colourless Liquid
Odour Profile	Woody, Cedarwood, Dry Ambergris, Sandalwood

Analytical Specifications

Test	Specification	Result
Appearance	Clear, colourless liquid	Conforms
Odour	Characteristic woody amber odour	Conforms
Identification (GC/IR)	Conforms to reference standard	Conforms
GC Purity	≥95.0%	To be reported
Molecular Weight	242.40 g/mol	Conforms
Boiling Point	308.4 °C	Conforms



Flash Point	>100°C	Conforms
Log Pow (Kow)	5.51	Conforms
Stabiliser	None	Conforms
Occurrence in Nature	None	Conforms

Symrise lists Amberwood® F as a clear colourless liquid with minimum 95% GC purity, boiling point 308.4°C, flash point >100°C, Log Pow 5.51, and no stabiliser.

Storage

Store:

- Between 15–25 °C
- In tightly closed original containers
- Protected from sunlight and moisture
- Away from ignition sources
- Away from strong oxidising agents

Recommended retest period: 24 months when stored correctly.

Conclusion

The material conforms to the representative quality specifications established for Amberwood® F (CAS 58567-11-6).

This Certificate of Analysis is a representative specification document. Batch-specific analytical values should be confirmed using the original Symrise Certificate of Analysis.

Authorised by:

Fozia Khot
Director