



## CERTIFICATE OF ANALYSIS (COA)

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### PRODUCT INFORMATION

**Product Name:** Ambrox DL

**Trade Name:** Ambrox DL®

**Chemical Name:** Naphtho[2,1-b]furan, dodecahydro-3a,6,6,9a-tetramethyl- (Ambroxide, stereoisomeric mixture)

**CAS Number:** 3738-00-9

**EC (EINECS) Number:** 223-118-6

**FEMA Number:** 3471

**Molecular Formula:** C<sub>16</sub> H<sub>28</sub> O

**Molecular Weight:** 236.39 g/mol

**Country of Origin:** Switzerland

**Product Type:** Synthetic Aroma Chemical

**Batch Number:** ADL-260702

**Manufacturing Date:** June 2026

**Retest Date:** June 2028

**Issue Date:** 02 July 2026

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### SPECIFICATION

Test	Specification	Result
Appearance	White to off-white crystalline solid	Conforms
Colour	White to off-white	Conforms
Odour	Powerful ambergris, woody, dry, musky	Conforms
Assay (GC)	≥98.0%	Conforms



Melting Point	75–85 °C	Conforms
Flash Point	>93 °C (Closed Cup)	Conforms
Density (20 °C)	Approximately 0.94 g/cm <sup>3</sup>	Conforms
Solubility	Insoluble in water; soluble in ethanol and fragrance oils	Conforms
Identity (GC/MS)	Conforms to reference standard	Conforms

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#### ADDITIONAL INFORMATION

**Chemical Class:** Ambergris Odorant

**Physical State:** Crystalline Solid

**Purity:** ≥98%

**Residual Solvents:** Complies

**GMO Status:** GMO Free

**BSE/TSE Status:** Free from animal-derived materials

**Preservatives:** None

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#### CONCLUSION

The above product conforms to the established quality specifications for Ambrox DL and is suitable for professional perfumery applications.

Ambrox DL is a high-purity synthetic ambergris ingredient valued for its exceptional substantivity, stability and diffusion, imparting warm ambergris, woody and musky notes to fine fragrance compositions.

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#### Authorized by

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Director  
Aromology Trading LLC