



CERTIFICATE OF ANALYSIS (COA)

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PRODUCT INFORMATION

Product Name	Fir Balsam Absolute
Alternative Name	Canadian Fir Balsam Absolute
Botanical Name	<i>Abies balsamea</i> (L.) Mill.
INCI Name	Abies Balsamea Extract
CAS Number	8021-28-1
Alternative CAS Number	85085-34-3
EC Number	285-364-0
Origin	Canada
Plant Part	Needles, Twigs and Balsamic Plant Material
Extraction Method	Solvent Extraction
Product Type	Natural Absolute
Grade	Premium Perfumery Grade

ANALYTICAL SPECIFICATION

Test	Specification	Result
Appearance	Very viscous liquid to soft resinous mass	Conforms
Colour	Dark Green to Dark Brown	Conforms
Odour	Rich balsamic, coniferous, resinous, woody and sweet	Conforms
Relative Density (20 °C)	0.960–1.020	Conforms
Refractive Index (20 °C)	1.500–1.540	Conforms
Flash Point	>93 °C	Conforms
Solubility in Water	Insoluble	Conforms
Solubility	Soluble in ethanol and common perfumery solvents	Conforms
Purity	100% Natural Absolute	Conforms



Typical Naturally Occurring Constituents

Constituent	Typical Status
β -Pinene	Naturally Present
α -Pinene	Naturally Present
Bornyl Acetate	Naturally Present
Limonene	Naturally Present
Camphene	Naturally Present
β -Phellandrene	Naturally Present
Borneol	Naturally Present
Terpene Alcohols	Naturally Present
Resinous and Balsamic Compounds	Naturally Present

Storage

Store tightly sealed in a cool, dry and well-ventilated place away from direct sunlight, excessive heat and strong oxidising agents.

Shelf Life

36 months from the date of manufacture when stored under recommended conditions.

Conclusion

This material conforms to Aromology's quality specifications for Fir Balsam Absolute – Canada and is suitable for professional perfumery, cosmetic and fragrance applications. Published supplier documentation describes the material as a thick natural balsamic absolute with a flash point above 93°C.

Batch Number: FBA-260715

Manufacturing Date: 25 May 2026

Retest Date: 25 May 2029

Issue Date: 15 July 2026

Prepared and Authorised By:

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Director