



## CERTIFICATE OF ANALYSIS

### AROMOLOGY TRADING LLC

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### PRODUCT INFORMATION

Field	Details
<b>Product Name</b>	Hay Absolute
<b>Latin Name</b>	<i>Poaceae</i> spp. / Foin Coupé
<b>Country of Origin</b>	France
<b>Cultivation Method</b>	Conventional
<b>Type</b>	Absolute
<b>Extraction Method</b>	Solvent Extraction
<b>Plant Part Used</b>	Leaves & Tops
<b>Use</b>	Natural Perfumery
<b>Batch / Lot No.</b>	07
<b>Manufacturing Date</b>	April 2024
<b>Best Before Date</b>	April 2029
<b>Last Analysis Date</b>	April 2024

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### TEST RESULTS

Test & Method	Value	Specifications
<b>Appearance – MOA005</b>	Semi-solid paste	Conforms to Standard



Test & Method	Value	Specifications
Colour – MOA005	Brown to greenish-brown	Conforms to Standard
Direct Odour – MOA005	Deep, rich aroma of freshly cut hay; sweet, herbaceous, tenacious	Conforms to Standard
Solubility	Soluble in alcohol; partially soluble in fixed oils	—
Specific Gravity @20°C – MOA020	Not Applicable	—
Refractive Index @20°C – MOA041	Not Applicable	—
Optical Rotation @20°C	Not Applicable	—
Special Use Instructions	Dilute before use	—
Primary Constituents	Not Available	—

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#### GC-MS ANALYSIS SUMMARY

*(Extracted from the chromatographic profile on page 2 of the uploaded document)*

420\_Hay\_Absolute\_COA\_21

The GC-MS fingerprint of Hay Absolute is highly complex, featuring numerous sesquiterpenes, aldehydes, esters, and alcohols.

Key constituents include:

#### Selected Major Components

Compound	% GC/FID
Beta Caryophyllene	1.65
Alpha Humulene	0.59
Germacrene D	4.67
Beta Selinene	0.25



Compound	% GC/FID
Bicyclogermacrene	0.77
Caryophyllene Oxide	0.15
Alpha Eudesmol	0.23
Beta Eudesmol	0.07
Sclareol	0.51
Sclareol Oxide	1.13

**Total measured profile 99.05%**

Additional constituents listed in the GC table (page 2) include linalool, linalyl formate, alpha terpineol, nerol, geranyl acetate, spathulenol, delta cadinene and many more aromatic sesquiterpenes contributing to the hay-like sweetness and herbaceous warmth.

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#### NOTES

This material is certified **100% pure and natural**, containing no artificial additives or adulteration, consistent with the declarations on page 3 of the uploaded COA

The best-before date functions as a **retest date**, calculated from the last complete analysis.

This is a computerized document and does not require a signature.