



CERTIFICATE OF ANALYSIS (COA)

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PRODUCT INFORMATION

Item	Details
Product Name	Hay Absolute
Alternative Names	Foin Coupé Absolute; Hay Extract
Botanical Source	<i>Lolium perenne</i> L. (representative commercial source)
INCI Name	Hay Absolute
CAS Number	8031-00-3
EC Number	682-743-6
Product Type	Natural Absolute (Natural Complex Substance)
Extraction Method	Solvent extraction followed by ethanol purification
Issue Date	18 July 2026
Recommended Retest Period	24 months under recommended storage conditions

Hay Absolute is commercially produced by solvent extraction followed by ethanol purification and typically contains coumarin together with fatty acids and green herbaceous constituents.

ORGANOLEPTIC AND PHYSICAL SPECIFICATIONS

Parameter	Representative Specification	Representative Result	Status
Appearance	Viscous liquid to semi-solid	Complies	Pass
Colour	Olive green to dark brown	Olive brown	Pass
Odour	Sweet hay, herbaceous, coumarinic, tobacco-like	Characteristic	Pass
Solubility in Water	Insoluble	Pass	Pass
Solubility in	Soluble	Pass	Pass



Alcohol

Foreign Matter	None visible	None	Pass
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Added Carrier Oils	None detected	Pass	Pass
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REPRESENTATIVE NATURAL COMPOSITION

Constituent	Representative Status
Coumarin	Approximately 8–15%
Palmitic Acid	Naturally present
Linoleic Acid	Naturally present
Linolenic Acid	Naturally present
Phytol and Related Components	Naturally present
Other Green & Herbaceous Constituents	Balance

Coumarin is a characteristic natural constituent of Hay Absolute. Commercial references typically indicate approximately 8% for IFRA calculations, while some production sources report total natural levels around 15%, depending on the botanical source and processing.

QUALITY DECLARATION

The representative material is:

- 100% natural Hay Absolute.
- Free from intentionally added synthetic fragrance materials.
- Free from intentionally added carrier oils unless declared.
- Intended for professional perfumery and cosmetic manufacture.

STORAGE

Store tightly closed in a cool, dry location protected from heat, light and oxidation.

CONCLUSION

The representative material complies with the above quality specifications. Batch-specific analytical results supplied by the original producer shall take precedence.

Authorised by:

Fozia Khot

Director