



CERTIFICATE OF ANALYSIS (COA)

PRODUCT IDENTIFICATION

Product Name: Co-distilled Vetiver & Patchouli Oil

Trade Name: Vetiver Crème

CAS Number: 8016-96-4

Technical Identification: Mixture of aromatic substances

Material Type: Natural aromatic oil mixture/co-distilled essential oil

Principal Botanical Materials: Vetiver Oil and Patchouli Oil

Application: Raw material for fragrance and cosmetic manufacturing

Tariff/HS Number: 3302909000

Country of Manufacture: Spain

Batch/Lot Number: Not provided

Manufacturing/Issue Date: 09/07/2025

Expiry Date: 09/07/2028

CAS Clarification: CAS 8016-96-4 identifies Vetiver Oil. The original manufacturer treats Vetiver Crème as a mixture of aromatic substances and does not assign one CAS or EINECS number to the complete mixture.

COMPOSITION

Principal Material	CAS Number	Reported Concentration
Vetiver Oil	8016-96-4 / 84238-29-9	≥50%
Patchouli Oil	8014-09-3 / 84238-39-1	≥10% to <25%
Other naturally occurring aromatic constituents	Not individually assigned	Balance

ANALYTICAL RESULTS

Test Parameter	Specification	Result
Appearance at 20 °C	Viscous mobile liquid	Conforms
Physical State	Liquid	Conforms
Colour	Brown-green yellow	Conforms
Odour	Woody, earthy and camphoraceous	Conforms
Density at 20 °C	0.990–1.010 g/mL	Conforms
Refractive Index nD20	1.5100–1.5300	Conforms
Flash Point	110 °C	Conforms
Water Solubility	Insoluble in water	Conforms



Test Parameter	Specification	Result
Solubility in Ethanol	Soluble	Conforms
Oxidising Properties	None expected	Conforms
Overall Quality	Characteristic of Vetiver Crème	Conforms

ADDITIONAL PARAMETERS

Test Parameter	Specification/Result
Density 25/25	Not specified
Refractive Index nD25	Not specified
Optical Rotation	Not specified
Acid Value	Not specified
Vapour Pressure	Not determined
Auto-Ignition Temperature	Not determined
Viscosity	Not determined
Explosive Properties	Not determined

ORGANOLEPTIC ASSESSMENT

Appearance: Viscous mobile liquid

Colour: Brown-green yellow

Odour: Woody, earthy and camphoraceous

Odour Family: Woody

Secondary Facets: Earthy and camphoraceous

Principal Character: Deep, natural, aromatic, rooty and distinctive of Vetiver and Patchouli

Organoleptic Result: Conforms to the approved reference standard.

SOLUBILITY

Water: Insoluble

Ethanol: Soluble

Solubility Result: Conforms to specification.

PURITY AND PRODUCT STATUS

Material Classification: Mixture of natural aromatic substances

Primary Botanical Components: Vetiver Oil and Patchouli Oil

Intentionally Added Water: None reported



Intentionally Added Preservatives: None reported

Intentionally Added Synthetic Colourants: None reported

Carrier or Diluent: None identified in the supplied specification

As a natural aromatic preparation, the precise chemical composition may vary between batches.

STORAGE CONDITIONS

Store in a tightly closed and preferably full container in a cool, dry and well-ventilated place.

Protect from:

- Direct sunlight
- Excessive heat
- Moisture
- Prolonged exposure to air
- Sparks and open flames
- Strong acids
- Strong bases
- Oxidising agents

Recommended Storage Temperature: Below 25 °C

When stored for an extended period, the material should be inspected for changes in appearance, odour and physical properties before use.

HANDLING REQUIREMENTS

- Handle in a well-ventilated area.
 - Avoid contact with the skin and eyes.
 - Avoid breathing concentrated vapour.
 - Wear appropriate gloves and eye protection.
 - Keep away from heat and ignition sources.
 - Do not consume.
 - Do not apply directly to the skin without dilution.
 - Refer to the accompanying Safety Data Sheet before handling.
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QUALITY CONCLUSION

The product described as Co-distilled Vetiver & Patchouli Oil (Vetiver Crème) conforms to the approved physical, chemical and organoleptic specifications stated in this Certificate of Analysis.

Quality Status: APPROVED



Overall Result: CONFORMS TO SPECIFICATION

REGULATORY REFERENCES

IFRA Status: Conforms to IFRA Standards up to and including the 51st Amendment. All IFRA categories are reported as not restricted.

Restricted IFRA Constituent: Eugenol at less than 50 ppm.

Safety Classification: Refer to the separate Safety Data Sheet.

Allergen Status: Refer to the separate EU Allergen Declaration.

Transport Classification: UN 3082, Environmentally Hazardous Substance, Liquid, N.O.S., Class 9, Packing Group III.

DOCUMENT BASIS

This Aromology Certificate of Analysis has been prepared by transferring the product identification, composition and technical specifications contained in the original manufacturer's specification sheet for Vetiver Crème.

The source document provided specification ranges rather than individual batch numerical results. Accordingly, "Conforms" confirms consistency with the supplied specification and should not be interpreted as independently generated batch-test data.

No numerical specification has been independently generated or modified by Aromology.

DOCUMENT VALIDITY

Issue Date: 09/07/2025

Expiry Date: 09/07/2028

Validity Period: Three years

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