



CERTIFICATE OF ANALYSIS (COA)

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PRODUCT IDENTIFICATION

Item	Details
Product Name	Linalyl Acetate Natural
Chemical Name	Linalyl Acetate (Natural)
Botanical Origin	Naturally isolated from essential oils (Bergamot, Lavender, Clary Sage, Petitgrain and other natural sources)
CAS Number	115-95-7
EC Number	204-116-4
FEMA Number	2636
Molecular Formula	$C_{12}H_{20}O_2$
Molecular Weight	196.29 g/mol
Product Type	Natural Isolate
Batch Number	Representative Specification
Issue Date	20 July 2026
Retest Period	24 Months (when stored correctly)

PHYSICAL AND CHEMICAL CHARACTERISTICS

Parameter	Specification	Representative Result
Appearance	Clear colourless liquid	Complies
Odour	Fresh citrus, bergamot, lavender, floral	Characteristic
Assay (GC)	$\geq 95.0\%$	98.7%
Relative Density (20 °C)	0.895–0.905	0.899
Refractive Index (20 °C)	1.450–1.458	1.4543
Boiling Point	220–221 °C	Complies
Flash Point	$\geq 85^{\circ}\text{C}$	89 °C
Acid Value	≤ 1.0 mg KOH/g	0.18



Solubility in Ethanol Soluble

Complies

QUALITY DECLARATION

This material complies with the representative specification for naturally derived Linalyl Acetate intended for professional perfumery, cosmetic and flavour applications.

As a naturally isolated material, trace constituents may vary depending on the botanical source and isolation process. The original manufacturer's batch-specific Certificate of Analysis shall always take precedence.

STORAGE

Store in tightly sealed containers in a cool, dry and well-ventilated area away from heat, direct sunlight and oxidising materials.

CONCLUSION

Representative Result: COMPLIES

Authorised by:

Fozia Khot

Director