



CERTIFICATE OF ANALYSIS (COA)

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PRODUCT INFORMATION

Parameter	Specification
Product Name	Damascone Alpha
Manufacturer	Firmenich SA
Chemical Name	α -Damascone
CAS Number	24720-09-0
EC Number	246-430-4
REACH Registration	01-2120105799-47
Molecular Formula	$C_{13}H_{20}O$
Molecular Weight	192.30 g/mol
Product Type	Aroma Chemical
Grade	Premium Perfumery Grade

ANALYTICAL SPECIFICATION

Test	Specification	Result
Appearance	Clear liquid	Conforms
Colour	Colourless to Pale Yellow	Conforms
Odour	Powerful rose, apple, blackcurrant, plum, fruity-floral	Conforms
Identification (GC)	Pass	Conforms
Assay (α -Damascone)	$\geq 98.0\%$	Conforms
Relative Density (20 °C)	0.935–0.955	Conforms
Refractive Index (20 °C)	1.500–1.510	Conforms
Flash Point	$>100^{\circ}\text{C}$	Conforms
Solubility	Soluble in ethanol and organic solvents	Conforms



Storage

Store tightly sealed in a cool, dry place away from excessive heat, direct sunlight and 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 Damascone Alpha – Firmenich – Rose Apple and is suitable for professional perfumery and fragrance applications.

Batch Number: DAF-260710

Manufacturing Date: 25 May 2026

Retest Date: 25 May 2029

Issue Date: 10 July 2026

Prepared and Authorised By:

Fozia Khot
Director

Aromology Trading LLC