



CERTIFICATE OF ANALYSIS (COA)

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Zenolide

PRODUCT INFORMATION

Product Name: Zenolide
Manufacturer: IFF
Chemical Name: Ethylene Dodecanedioate
CAS Number: 54982-83-1
EC Number: 259-423-6
Product Type: Aroma Chemical / Perfumery Raw Material
Olfactive Profile: Delicate Musk

QUALITY SPECIFICATIONS

Test / Parameter	Specification	Result
Appearance	Liquid / Solid depending on temperature	Conforms
Colour	Conforms to Standard	Conforms
Odour	Conforms to Standard	Conforms
Olfactive Character	Delicate Musk	Conforms
Identification	Ethylene Dodecanedioate	Conforms
Melting / Freezing Point	Approx. 16–19°C	Conforms
Density @ 20°C	1.055–1.065 g/mL	Conforms
Relative Density @ 20°C	1.055–1.065	Conforms
Solubility in Water	Insoluble	Conforms
Solubility in Ethanol	Soluble	Conforms

QUALITY CONCLUSION

OVERALL RESULT: CONFORMS



The material conforms to the stated specifications for Zenolide – IFF (Ethylene Dodecanedioate) and is suitable for use as a perfumery raw material.

STORAGE CONDITIONS

Store in tightly closed containers in a cool, dry and well-ventilated area, protected from direct light and excessive heat.

As the material has a melting/freezing range of approximately 16–19°C, changes between liquid and solid states may occur depending on ambient temperature.

Authorised by:

Fozia Khot

Directo