



CERTIFICATE OF ANALYSIS (COA)

Aromology Trading LLC
G05 Al Ghazal Building
Nadd Al Hamar
Dubai, United Arab Emirates

Website: www.aromology.com
Email: info@aromology.com
Telephone: +971 505197601

Calone 1951®

PRODUCT INFORMATION

Product Name: Calone 1951®
Manufacturer: Firmenich
Manufacturer Product Code: 918970
Chemical Name: 7-Methyl-2H-benzo-1,5-dioxepin-3(4H)-one

INCI Name: Methyl Benzodioxepinone
CAS Number: 28940-11-6
EC Number: 249-320-4
REACH Number: 01-2120734453-58

Molecular Formula: C₁₀ H₁₀ O₃
Product Type: Synthetic Aroma Chemical / Perfumery Raw Material

QUALITY SPECIFICATIONS

Parameter	Specification	Result
Appearance at Room Temperature	Crystalline Powder	Conforms
Colour	White	Conforms
Odour	Marine, Watery, Fresh	Conforms
Purity / Assay	>99%	Conforms
Solubility in Water	Practically Insoluble	Conforms
Solubility in Ethanol 95%	1 g / 5 mL	Conforms
Melting Point	37.9 °C	Conforms
Boiling Point	267 °C	Conforms
Log Kow	1.95	Conforms
Vapour Pressure	0.87 Pa	Conforms
Antioxidants	None	Conforms



Parameter	Specification	Result
Chelators	None	Conforms
Solvents	None	Conforms

The current product documentation gives >99% purity, crystalline white appearance, the above solubility and physicochemical specifications, and confirms that no antioxidants, chelators or solvents are added.

TRACE ELEMENTS / IMPURITIES

Parameter	Specification
Arsenic (As)	<3 ppm
Lead (Pb)	<10 ppm
Cadmium (Cd)	<1 ppm
Mercury (Hg)	<1 ppm

COMPOSITION

7-Methyl-2H-benzo-1,5-dioxepin-3(4H)-one: >99%

CAS Number: 28940-11-6

Production Method: Chemical Synthesis

Antioxidants: None

Chelators: None

Solvents: None.

STORAGE

Keep in a closed container in a dark and dry location.

DOCUMENT CONTROL

Document Type: Certificate of Analysis

Product Name: Calone 1951®

Manufacturer Product Code: 918970

CAS Number: 28940-11-6

EC Number: 249-320-4

Manufacturer: Firmenich

Supplier: Aromology

Issue Date: 30 August 2026

Authorised by:

Fozia Khot

Director