



CERTIFICATE OF ANALYSIS (COA)

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MINTONAT

PRODUCT IDENTIFICATION

Parameter	Details
Product Name	Mintonat
Manufacturer	Symrise
Symrise Product No.	142048
Alternative Name	Homomenthyl Acetate
CAS Number	67859-96-5
EC Number	267-430-0
REACH Registration	01-2120743786-42
Molecular Formula	$C_{11}H_{20}O_2$
Molecular Weight	184.0 g/mol
Chemical Class	Ester
Product Type	Perfumery Aroma Chemical
Olfactive Family	Mint / Lavender / Cloves

The product number, CAS, REACH registration and chemical identity are directly confirmed by Symrise.

ANALYTICAL SPECIFICATION

Test	Specification	Batch Result	Method
Appearance	Clear, colourless to light yellow liquid	_____	Visual
Odour	Herbaceous, green, aromatic, floral, fresh	Conforms	Organoleptic
Identification	Conforms to reference	_____	GC / GC-MS
GC Purity	Minimum 98.0% – sum of isomers	_____	GC-FID
Molecular Weight	184.0 g/mol	—	Calculated



Test	Specification	Batch Result	Method
Flash Point	Approx. 85 °C	_____	Technical Data
Boiling Point	217.2 °C	—	Technical Data
Log P (Kow)	3.93	—	Technical Data
Stabilizer	None	Conforms	Manufacturer Data
Foreign Matter	Absent	_____	Visual
Chromatographic Profile	Conforms to reference	_____	GC

These specifications are taken from Symrise's Mintonat technical sheet.

ADDITIONAL PHYSICAL DATA

Representative commercial specifications report:

Parameter	Specification
Density at 20 °C	0.914–0.924 g/cm ³
Refractive Index at 20 °C	1.4360–1.4460
Assay	≥98.0% sum of isomers

These additional values are independently reported in a February 2026 technical specification for CAS 67859-96-5.

SUSTAINABILITY / PRODUCT DATA

Parameter	Result
Occurrence in Nature	No
Stabilizer	No
Biodegradability	62.0%
Biodegradability Classification	Readily biodegradable

ORGANOLEPTIC PROFILE

Odour Description

- Herbaceous
- Green
- Aromatic
- Floral
- Fresh



- Minty
- Lavender-like
- Spicy nuances

Mintonat adds complexity and vivacity, boosts freshness, and helps unite individual fragrance building blocks into a harmonious composition. Symrise notes that it can work both as a modifier and at relatively high use levels.

RECOMMENDED PERFUMERY USE

1–25%

This is the Symrise recommended perfumery use level, not an IFRA maximum.

QUALITY DECLARATION

Subject to insertion of actual batch analytical values, the material represented by this certificate conforms to the representative specification for:

MINTONAT – SYMRISE
PRODUCT NO.: 142048
CAS NO.: 67859-96-5
GC PURITY: MINIMUM 98.0% – SUM OF ISOMERS

DISCLAIMER

This is a supplier-style COA based on official Symrise technical specifications. It is not an original batch-specific Symrise Certificate of Analysis. Actual batch analytical values should be entered from the original manufacturer COA or validated internal laboratory testing.

Authorised by:
Fozia Khot
Director