



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

FILBERTONE

PRODUCT IDENTIFICATION

Parameter	Details
Product Name	Filbertone
Manufacturer	Symrise
Symrise Product No.	690986
Chemical Name	5-Methylhept-2-en-4-one
CAS Number	81925-81-7
Additional CAS Reference	102322-83-8
FEMA Number	3761
FLAVIS Number	07.139
JECFA Number	1133
Molecular Formula	C ₈ H ₁₄ O
Molecular Weight	126.2 g/mol
Chemical Class	Ketone
Product Type	Aroma Chemical
Olfactive Family	Nutty / Gourmand
Odour Profile	Hazelnut, Nutty, Nougat, Roasted

ANALYTICAL SPECIFICATION

Test	Specification	Batch Result	Method
Appearance	Clear liquid	_____	Visual
Colour	Colourless to light yellow	_____	Visual
Odour	Hazelnut, nutty, nougat, roasted	Conforms	Organoleptic
Identification	Conforms to reference	_____	GC / GC-MS



GC Purity	Minimum 98.0% – sum of isomers	_____	GC
Relative Density D20/4	0.847–0.853	_____	Density Meter
Refractive Index n20/D	1.442–1.446	_____	Refractometer
Flash Point	Approx. 57 °C	_____	Closed Cup
Boiling Point	Approx. 167 °C	_____	Technical Data
Chromatographic Profile	Conforms to reference	_____	GC
Foreign Matter	Absent	_____	Visual

PRODUCT SPECIFICATION

Property	Specification
Physical State	Liquid
Appearance	Clear, colourless to light yellow
GC Purity	Minimum 98%, sum of isomers
Molecular Formula	C ₈ H ₁₄ O
Molecular Weight	126.2 g/mol
Relative Density	0.847–0.853
Refractive Index	1.442–1.446
Flash Point	Approx. 57 °C
Boiling Point	Approx. 167 °C
Chemical Class	Ketone
Occurrence in Nature	Yes
FEMA	3761
FLAVIS	07.139
JECFA	1133

ORGANOLEPTIC PROFILE

Primary Character

HAZELNUT

Secondary Characteristics

- Nutty
- Nougat
- Roasted
- Sweet
- Fruity
- Green
- Dried fruit



- Brown gourmand

Filbertone is an exceptionally powerful aroma material and one of the characteristic odorants associated with natural hazelnut aroma.

PERFUMERY APPLICATION

Filbertone can be used for:

- Hazelnut accords
- Praline accords
- Chocolate
- Cocoa
- Coffee
- Nougat
- Caramel
- Nut accords
- Gourmand perfumes
- Tropical fruit accords
- Citrus compositions
- Rose compositions
- Woody fragrances

It acts particularly effectively as a top-note booster, adding highly diffusive fruity, green and nutty character.

STORAGE

Store:

- In original tightly closed container
- In a cool, dry location
- Protected from direct sunlight
- Away from excessive heat
- Away from ignition sources
- Away from strong oxidising materials

DISCLAIMER

This Certificate of Analysis is a supplier-style document based on published Symrise technical/product information.

It is not the original batch-specific Certificate of Analysis issued by Symrise.

Actual batch values must be taken from the original manufacturer's batch COA before this document is represented as a batch-specific analytical certificate.

Authorised by:

Fozia Khot
Director