



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

GLOBANONE®

PRODUCT IDENTIFICATION

Parameter	Details
Product Name	Globanone®
Manufacturer	Symrise
Symrise Product No.	600317
Chemical Name	Cyclohexadec-8-en-1-one
CAS Number	3100-36-5
EC Number	401-700-2
EU REACH No.	01-0000015154-78
Molecular Formula	C ₁₆ H ₂₈ O
Molecular Weight	236.4 g/mol
Chemical Class	Macrocyclic Ketone
Product Type	Synthetic Musk Aroma Chemical
Olfactive Family	Musk
Grade	Professional Perfumery Grade

ANALYTICAL SPECIFICATION

Test	Specification	Batch Result	Method
Appearance	Liquid to crystalline	_____	Visual
Colour	Colourless to pale yellow	_____	Visual
Odour	Musky, cosmetic, creamy, floral	Conforms	Organoleptic
Identification	Conforms to approved reference	_____	GC-MS / FTIR
GC Purity	Minimum 97.0% – sum of isomers	_____	GC-FID
Flash Point	>100 °C	_____	Closed Cup



Boiling Point	Approx. 341.3 °C	_____	Technical Data
Molecular Weight	236.4 g/mol	Conforms	Calculated
Log P (Kow)	5.82	Conforms	Manufacturer Data
Stabilizer	None	Conforms	Manufacturer Declaration
Foreign Matter	Absent	_____	Visual
Chromatographic Profile	Conforms to reference	_____	GC-FID

OFFICIAL SYMRISE PRODUCT DATA

Property	Specification
Appearance	Colourless to pale yellow, liquid to crystalline
GC Purity	Minimum 97%, sum of isomers
Flash Point	>100 °C
Boiling Point	341.3 °C
Molecular Weight	236.4 g/mol
Log P	5.82
Stabilizer	No
Occurrence in Nature	No
Biodegradability	72.0% – readily biodegradable
Chemical Class	Macrocyclic ketone

REPRESENTATIVE COMPOSITION

Globanone® is a commercial macrocyclic ketone consisting primarily of isomeric:

Cyclohexadec-8-en-1-one

The manufacturer assay is expressed as:

Minimum 97% – Sum of Isomers

Component	Representative Status
Cyclohexadec-8-en-1-one isomers	≥97% GC
Related manufacturing constituents	Within specification
Stabilizer	None
Added Carrier / Diluent	None in neat Globanone
Added Colour	None



ORGANOLEPTIC PROFILE

Attribute	Description
Primary Character	Musk
Secondary Character	Cosmetic
Texture	Creamy, soft, rounded
Floral Facet	Clean floral musk
Supporting Notes	Powdery, balsamic, woody, slightly animalic
Diffusion	Strong
Substantivity	Very high
Fragrance Position	Base note
Function	Musk builder, fixative, volumiser and rounding agent

STORAGE

Store:

- In tightly closed original container
- Cool and dry
- Protected from direct sunlight
- Away from excessive heat
- Away from oxidising agents

Where the material has crystallised:

- Warm gently using indirect controlled heat.
- Mix thoroughly after liquefaction.
- Allow to homogenise before sampling.

DISCLAIMER

This Certificate of Analysis is a supplier-style document prepared using official Symrise product information.

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

The blank batch-result fields must be populated from the applicable manufacturer batch COA or validated internal test results before this document is represented as a batch-specific analytical certificate.

Authorised by:

Fozia Khot
Director