



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

INDOFLOR® CRYST.

PRODUCT IDENTIFICATION

Parameter	Details
Product Name	Indoflor® Cryst.
Manufacturer	Symrise
Symrise Product No.	660173
Chemical Name	4,4a,5,9b-Tetrahydroindeno[1,2-d][1,3]dioxine
CAS Number	18096-62-3
EC Number	241-997-4
REACH Registration	01-2120760170-66
Molecular Formula	C ₁₁ H ₁₂ O ₂
Molecular Weight	176.2 g/mol
Chemical Class	Acetal
Product Type	Synthetic Aroma Chemical
Grade	Professional Perfumery Grade

ANALYTICAL SPECIFICATION

Test	Specification	Batch Result	Method
Appearance	Pale white to white crystals / agglutinant powder	_____	Visual
Colour	Pale white to white	_____	Visual
Odour	Animalic, floral, civet, leather	Conforms	Organoleptic
Identification	Conforms to approved reference	_____	GC-MS / FTIR
GC Purity	Minimum 99.0%	_____	GC-FID
Molecular Weight	176.2 g/mol	Conforms	Calculated



Flash Point	>100 °C	_____	Technical Data
Boiling Point	264.4 °C	_____	Technical Data
Log P (Kow)	1.84	Conforms	Manufacturer Data
Stabilizer	None	Conforms	Manufacturer Declaration
Foreign Matter	Absent	_____	Visual
Chromatographic Profile	Conforms to approved reference	_____	GC-FID

OFFICIAL SYMRISE PRODUCT SPECIFICATION

Property	Specification
Appearance	Pale white to white crystals or agglutinant powder
GC Purity	Minimum 99%
Flash Point	>100 °C
Molecular Weight	176.2 g/mol
Boiling Point	264.4 °C
Log P	1.84
Stabilizer	No
Occurrence in Nature	No
Chemical Class	Acetal

COMPOSITION

Component	Specification
4,4a,5,9b-Tetrahydroindeno[1,2-d][1,3]dioxine	≥99% GC
Related manufacturing constituents / impurities	≤1% within specification
Added Carrier	None
Stabilizer	None

ORGANOLEPTIC PROFILE

Primary

Animalic Floral

Character

- Civet
- Indolic



- White floral
- Leather
- Jasmine-like
- Skatole-like
- Warm animalic

Function

Indoflor is particularly useful as:

- White-flower booster
- Jasmine modifier
- Tuberose modifier
- Civet replacer / modifier
- Indolic effect
- Leather modifier
- Animalic floral builder

It provides the depth associated with indole and skatole while offering lower discoloration potential.

PERFUMERY USE

Suitable for:

- Jasmine
- Tuberose
- Orange blossom
- Gardenia
- Narcissus
- White floral bouquets
- Leather
- Animalic accords
- Oriental fragrances
- Chypre compositions
- Musk accords

Symrise Recommended Use
Traces up to 1%
in the fragrance composition.

STORAGE

Store:



- Cool and dry
- Tightly closed
- Protected from direct sunlight
- Protected from excessive heat
- Away from incompatible chemicals

Avoid unnecessary dust formation.

QUALITY DECLARATION

Subject to insertion of actual batch-specific analytical results, the material represented by this certificate conforms to the representative manufacturer specification for:

INDOFLOR® CRYST.
SYMRISE PRODUCT NO. 660173
CAS 18096-62-3

Principal assay specification:
GC PURITY: MINIMUM 99%

DISCLAIMER

This supplier-style Certificate of Analysis is based on official Symrise product specifications.

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

Actual batch-result fields must be completed using the original manufacturer batch COA or validated internal analytical results before the document is represented as a batch-specific certificate.

Authorised by:
Fozia Khot
Director