



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

PRODUCT IDENTIFICATION

Parameter	Details
Product Name	Orris Butter
Botanical Name	<i>Iris pallida</i> Lam.
INCI Name	Iris Pallida Root Extract
Product Type	Natural Essential Oil / Orris Butter
Plant Part	Mature Rhizomes
CAS Number	8002-73-1
Alternative CAS	90045-90-2
EC Number	289-955-4
Irones Specification	Approximately 18% (Typical Range 17–23%)
Country of Origin	France
Extraction Method	Steam distillation and molecular concentration of aged rhizomes
Batch Number	ORB-260722

Commercial Orris Butter 20% Irone is identified under CAS 8002-73-1 / EC 289-955-4, with a typical irone content of 17–23%.

ORGANOLEPTIC SPECIFICATION

Test	Specification	Representative Result
Appearance	Yellow pasty solid to semi-solid	Conforms
Colour	Pale yellow to yellow	Conforms
Odour	Rich powdery, violet, floral, woody, buttery	Conforms
Homogeneity	Uniform	Conforms
Foreign Matter	None visible	Conforms



PHYSICO-CHEMICAL SPECIFICATION

Test	Specification	Representative Result
Irones (GC/ISTD)	17.0–23.0%	18.4%
Relative Density (20 °C)	0.930–0.980	0.951
Refractive Index (20 °C)	1.480–1.510	1.496
Solubility in Ethanol (96%)	Soluble (10% w/w)	Conforms
Flash Point	>100 °C	118 °C

REPRESENTATIVE COMPOSITION

Constituent	Status
α-Irone	Major
β-Irone	Major
γ-Irone	Minor
Myristic Acid Derivatives	Naturally occurring
Fatty Acid Esters	Naturally occurring
Long-chain Hydrocarbons	Naturally occurring
Other Rhizome Constituents	Balance

QUALITY STATUS

Assessment	Status
Natural Origin	Conforms
Professional Perfumery Grade	Conforms
Added Solvent	None
Added Carrier	None
GMO	Not intentionally used
Animal Derived Material	None
BSE/TSE	Not applicable

STORAGE

Store tightly closed between 15–25 °C, protected from air and light. Warm gently before use if solidified.



SHELF LIFE

24 months under recommended storage conditions.

AUTHORISED BY

Fozia Khot

Director

Aromology Trading LLC