



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

Fleuranil®

Product Identification

Parameter	Details
Product Name	Fleuranil®
Manufacturer	International Flavors & Fragrances Inc. (IFF)
IFF IPC Number	62144
IFF Product Code	00062144
Chemical Description	Reaction mass of 3-(2-ethylphenyl)-2,2-dimethylpropanenitrile, 3-(3-ethylphenyl)-2,2-dimethylpropanenitrile and 3-(4-ethylphenyl)-2,2-dimethylpropanenitrile (isomers)
CAS Number	134123-93-6
EC Number	412-660-0
Molecular Formula	C ₁₃ H ₁₇ N
Molecular Weight	187.1 g/mol
Chemical Family	Aromatic nitrile
Product Type	Aroma Chemical
Olfactive Family	Ozone / Marine / Herbal
Grade	Professional Perfumery Grade

IFF describes Fleuranil® as an ozone-marine, anisic material with herbal tones, suitable for fine fragrance and functional fragrance applications.

Analytical Specification

Test	Specification	Method
Appearance	Clear liquid	Visual
Colour	Colourless to pale yellow	Visual
Odour	Ozone, marine, anisic, herbal	Organoleptic
Identification	Conforms to approved reference	GC-MS / FTIR



Assay	Current IFF specification	GC-FID
Relative Density @20°C	Current IFF specification	Density Meter
Refractive Index @20°C	Current IFF specification	Refractometer
Water Content	Current IFF specification	Karl Fischer
Flash Point	Current IFF specification	Closed Cup
Acid Value	Current IFF specification	Titration
Chromatographic Profile	Conforms	GC-FID

Representative analytical limits must be verified from the original IFF batch COA before commercial release.

Physical Properties

Property	Typical Value
Molecular Weight	187.1 g/mol
Vapour Pressure (23 °C)	0.003948 mm Hg
Log P	3.5
Water Solubility	Practically insoluble
Substantivity	Greater than 48 hours

These representative physical properties are published by IFF.

Organoleptic Profile

Attribute	Description
Primary Character	Ozone marine
Secondary Character	Herbal
Supporting Notes	Anisic
Fragrance Position	Top / Heart
Function	Marine modifier, fresh ozonic diffuser

Typical Applications

- Fine Fragrance
- Marine accords
- Aquatic accords
- Functional fragrances
- Soap
- Shampoo
- Fabric conditioner
- Detergents
- Candles



IFF recommends a typical olfactory use level up to 10% of the fragrance concentrate. This is formulation guidance and not a regulatory limit.

Quality Statement

The material represented by this certificate conforms to the representative specification for:

Fleuramil® – IFF

subject to verification against the original IFF batch Certificate of Analysis.

Disclaimer

This document is a representative supplier-style Certificate of Analysis and is not the original batch-specific COA issued by International Flavors & Fragrances (IFF). Batch-specific analytical values must be confirmed using the original IFF Certificate of Analysis.

Authorised by:

Fozia Khot
Director