



CERTIFICATE OF ANALYSIS (COA)

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Benzoin Oliffac 63 – IFF

Product Identification

Parameter	Details
Product Name	Benzoin Oliffac 63 – IFF
Representative Manufacturer Reference	Benzoin Oliffac 63 DEPR 0612
Product Description	Oriental
Product Type	Proprietary fragrance base
Chemical Nature	Mixture of perfumery ingredients
Olfactive Family	Oriental, balsamic, vanillic
CAS Number	Mixture
EC Number	Not assigned to the complete mixture
Manufacturer	International Flavors & Fragrances Inc. – IFF
Grade	Professional perfumery grade

Benzoin Oliffac 63 is a manufactured benzoin-style fragrance base. It must not be described as a single chemical or as natural benzoin resinoid.

Analytical Specifications

Test	Proposed Specification	Representative Result	Method
Appearance	Clear, homogeneous liquid	Complies	Visual
Colour	Amber to dark amber	Amber	Visual
Odour	Sweet, balsamic, vanillic, resinous and oriental	Complies	Organoleptic
Identification	Conforms to approved reference	Pass	GC-MS/organoleptic
Relative Density at	0.999–1.027	1.013	Density meter



20°C

Refractive Index at 20°C	1.4370–1.4530	1.4452	Refractometer
Optical Rotation	Approximately neutral	0.0°	Polarimetry
Acid Value	Manufacturer specification	0.8 mg KOH/g	Titration
Water Content	Maximum 1.0%	0.21%	Karl Fischer
Flash Point	Batch-specific	Approximately 28°C	Closed cup
Solubility in Alcohol	Soluble or readily dispersible	Pass	Visual
Solubility in Water	Practically insoluble	Complies	Visual
Foreign Matter	Absent	Pass	Visual
Chromatographic Profile	Conforms to approved reference	Pass	GC-FID/GC-MS

All numerical results are representative placeholders unless supported by an original batch-specific IFF Certificate of Analysis.

Representative Composition Statement

Benzoin Oliffac 63 is a proprietary mixture. Its complete quantitative formula is confidential to IFF. The composition may include materials performing the following functions:

Component Type	Function
Balsamic aroma materials	Resinous benzoin effect
Vanillic aroma materials	Sweetness and creamy warmth
Benzoate derivatives	Balsamic character and fixation
Aromatic alcohols or aldehydes	Floral, almond-like or sweet nuances
Fragrance solvent or carrier	Fluidity and handling
Minor modifiers	Diffusion, stability and tonal balance

No inferred ingredient list should replace the manufacturer's official composition disclosure.

Representative Regulatory Constituents

Constituent	CAS No.	Representative Concentration
Benzyl Benzoate	120-51-4	0.0330%
Other IFRA-Regulated Constituents	Various	Manufacturer declaration required
Other EU-Declarable Allergens	Various	Manufacturer declaration required
Diethyl Phthalate	84-66-2	Not intentionally added where DEPR grade is confirmed

The benzyl benzoate value is taken from an available third-party IFRA 51 certificate and must be verified against current IFF documentation.



Organoleptic Profile

Attribute	Description
Opening	Sweet, warm and softly aromatic
Heart	Vanilla, balsamic and powdery
Base	Resinous, amber-like and oriental
Diffusion	Moderate to strong
Tenacity	Very high
Perfumery Function	Benzoin replacer, fixative, amber builder and vanilla enhancer
Typical Use	Oriental, amber, gourmand, incense, woody and floral compositions

DEPR Status

Parameter	Status
DEPR Grade Referenced	Yes
Diethyl Phthalate Intentionally Added	Not expected where current DEPR grade is confirmed
Formal Phthalate-Free Claim	Requires current IFF declaration
Carrier or Solvent Identity	Manufacturer documentation required

“DEPR” should not be interpreted as proof of absolute analytical absence of all phthalates.

Purity and Quality Declaration

Parameter	Representative Status
Proprietary Manufactured Fragrance Base	Yes
Natural Benzoin Resinoid	No
Added Colour	Not intentionally added unless declared
Added Preservative	Not expected unless declared
Animal-Derived Ingredients	Not intentionally added
Undeclared Carrier	Not expected
Direct Undiluted Skin Use	Not recommended
Internal Consumption	Not permitted
Finished-Product Assessment	Required

Storage

Store:

- At approximately 15–25 °C
- In the original tightly closed container
- In a cool, dry and ventilated area
- Away from direct sunlight
- Away from flames, sparks and heat
- Away from strong oxidising agents



- With minimum exposure to air and moisture
- Using clean and dry dispensing equipment

The storage area should be suitable for flammable liquids.

Shelf Life

24 months from the manufacturing date when stored unopened under recommended conditions, unless the current IFF documentation states otherwise.

Quality Conclusion

Subject to verification against the original IFF batch documentation, the material conforms to the proposed quality specification for:

Benzoin Oliffac 63 – IFF, Oriental

The product is suitable for professional fragrance formulation subject to:

- IFRA conformity assessment
- Quantitative allergen review
- Finished-product safety assessment
- Stability and compatibility testing
- Applicable regional regulations

Authorised By:

Fozia Khot
Director