



CERTIFICATE OF ANALYSIS (COA)

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Cedryl Acetate

Product Identification

Parameter	Details
Product Name	Cedryl Acetate
Manufacturer	International Flavors & Fragrances Inc. – IFF
Representative IFF Product Code	00033077
IFF IPC Number	00C00180
Chemical Name	Cedran-8-yl acetate
Common Name	Cedryl Acetate
Alternative Name	Cedrol Acetate
CAS Number	77-54-3
EC Number	201-036-1
REACH Registration Number	01-2120739845-42, subject to current IFF confirmation
Molecular Formula	$C_{17}H_{28}O_2$
Molecular Weight	Approximately 264.40 g/mol
Chemical Family	Sesquiterpene acetate
Substance Type	UVCB / technical aroma chemical
Olfactive Family	Woody / Cedarwood / Vetiver
Grade	Professional perfumery grade

Analytical Specification

Test	Specification	Test Method
Appearance	Clear oily liquid or low-melting crystalline material	Visual
Colour	Colourless to pale straw	Visual
Odour	Light cedarwood, sweet woody and vetiver-like	Organoleptic
Identification	Conforms to approved reference	GC-MS / FTIR
Cedryl Acetate Assay	Current IFF specification applies	GC-FID



Total Acetate Components	Current IFF specification applies	GC-FID
Related Cedrane Components	Within manufacturer specification	GC-FID
Relative Density at 20 °C	Current IFF specification applies	Density meter
Refractive Index at 20 °C	Current IFF specification applies	Refractometer
Acid Value	Current IFF specification applies	Titration
Water Content	Current IFF specification applies	Karl Fischer
Flash Point	Current IFF specification applies	Closed cup
Solubility in Water	Practically insoluble	Visual
Solubility in Ethanol and Oils	Soluble or readily dispersible	Visual
Foreign Matter	Absent	Visual
Chromatographic Profile	Conforms to approved reference	GC-FID / GC-MS

Representative Composition

Cedryl Acetate is a technical cedar-derived aroma material that may contain Cedryl Acetate together with related cedrane acetate components within the approved manufacturer specification.

Component Class	Representative Status
Cedryl Acetate	Principal component
Related Cedrane Acetates	May be present within specification
Cedrol or Related Alcohols	Manufacturer specification applies
Added Carrier or Diluent	Not expected unless declared
Added Colour	Not intentionally added
Preservative	Not intentionally added
Antioxidant	Current IFF declaration required

The complete isomer and impurity profile is proprietary to IFF.

Organoleptic Profile

Attribute	Description
Primary Character	Light cedarwood
Secondary Character	Vetiver-like
Supporting Facets	Sweet, dry and woody
Diffusion	Moderate
Substantivity	Long-lasting
Perfumery Function	Cedarwood enhancer, woody modifier and fixative
Typical Fragrance Position	Heart and base notes

Representative Applications



Cedryl Acetate may be used in:

- Fine fragrance
- Cedarwood accords
- Vetiver compositions
- Woody amber fragrances
- Leather accords
- Chypre and fougère fragrances
- Soap and shampoo
- Antiperspirants and deodorants
- Liquid and powder detergents
- Fabric conditioners
- Household fragrances
- Air-care products
- Candles and incense

IFF publishes a typical olfactory use level of up to 10% of the fragrance concentrate. This is formulation guidance and not an IFRA or legal maximum.

Physical and Chemical Information

Property	Representative Information
Physical State	Liquid or low-melting solid
Molecular Formula	C ₁₇ H ₂₈ O ₂
Molecular Weight	Approximately 264.40 g/mol
Water Solubility	Practically insoluble
Vapour Pressure	Very low
Log Pow	High; current IFF data apply
Odour Persistence	Long-lasting
Combustibility	Combustible when strongly heated

Sustainability Information

IFF publicly describes Cedryl Acetate as:

Attribute	Published Status
Renewable Carbon Content	Approximately 88%
Natural-Derived	Yes
Upcycled	Yes
Vegan Suitable	Yes
Biodegradability	Readily biodegradable

These statements apply to the qualifying IFF commercial material and should be confirmed against the current manufacturer sustainability documentation before customer-facing use.



Quality and Regulatory Status

Requirement	Status
Professional fragrance ingredient	Yes
Finished consumer product	No
Direct undiluted skin use	Not recommended
Internal consumption	Not permitted
Batch-specific original IFF COA required	Yes
Current SDS required	Yes
IFRA assessment required	Yes
EU allergen assessment required	Yes
Finished-product safety assessment required	Yes

Storage Conditions

Store:

- In the original tightly closed container
- In a cool, dry and well-ventilated location
- Protected from direct sunlight
- Away from excessive heat
- Away from strong oxidising agents
- Away from incompatible chemicals
- With minimum exposure to air and moisture
- Using clean and dry dispensing equipment
- Away from food, beverages and animal feed

If crystallisation or partial solidification occurs, gently warm the closed container using controlled indirect heat and mix thoroughly before sampling.

Shelf Life

Use the expiry or retest date stated on the original IFF batch documentation.

Where no original shelf-life statement is available, do not assign a definitive expiry date without an approved internal quality and stability procedure.

Recommended retest parameters include:

- Appearance
- Colour
- Odour
- Relative density



- Refractive index
- Acid value
- Water content
- GC profile

Certificate Conclusion

Subject to completion with the original batch-specific analytical results, the material represented by this certificate conforms to the applicable quality specification for:

Cedryl Acetate – IFF

Disclaimer

This Certificate of Analysis is a representative supplier-style template.

It is not:

- The original batch Certificate of Analysis issued by IFF
- Evidence that Aromology Trading LLC independently performed the listed laboratory tests
- A finished-product safety approval
- An IFRA Certificate of Conformity
- A quantitative EU fragrance-allergen declaration

Before formal commercial or regulatory issue, complete and verify this document using:

- Original IFF batch Certificate of Analysis
- Current IFF product specification
- Current IFF Safety Data Sheet
- Exact IFF product and batch code
- Current IFRA documentation
- Current quantitative EU allergen declaration
- Applicable destination-market requirements

Where any discrepancy exists, the latest original IFF documentation shall prevail.

Authorised by:

Fozia Khot
Director