



CERTIFICATE OF ANALYSIS

MYRRH ESSENTIAL OIL REFINED

(Robertet)

PRODUCT IDENTIFICATION

Product Information	Details
Product Name	Myrrh Essential Oil Refined
Alternative Name	Myrrh EO Refined
Botanical Name	<i>Commiphora myrrha</i> (Nees) Engl.
INCI Name	Commiphora Myrrha Oil
CAS Number	84929-26-0
EC Number	284-510-0
Country of Processing	France
Botanical Origin	Origin dependent on supplied crude myrrh
Plant Part Used	Oleogum resin
Extraction Method	Steam or hydrodistillation followed by physical refining
Product Type	Refined natural essential oil
Batch Number	MYR-FR-260721

ORGANOLEPTIC SPECIFICATION

Test	Specification	Result
Appearance	Clear to slightly opalescent mobile liquid	Conforms
Colour	Pale yellow to amber-brown	Conforms
Odour	Characteristic warm, balsamic, resinous, smoky and medicinal	Conforms
Foreign Matter	Free from visible foreign matter	Conforms
Odour	Matches approved reference standard	Conforms

**Evaluation****PHYSICO-CHEMICAL SPECIFICATION**

Test	Specification	Representative Result
Relative Density at 20°C	0.970–1.035	1.006
Refractive Index at 20°C	1.515–1.545	1.531
Optical Rotation at 20°C	Batch-specific	Conforms
Acid Value	Maximum 10.0 mg KOH/g	4.8 mg KOH/g
Peroxide Value	Maximum 20.0 meq O ₂ /kg	5.2 meq O ₂ /kg
Water Content	Maximum 0.50%	0.16%
Solubility in Ethanol	Soluble to dispersible; slight natural haze permitted	Conforms
Solubility in Water	Practically insoluble	Conforms
Flash Point	Batch-specific; typically above 60°C	Conforms
Chromatographic Profile	Consistent with approved botanical reference	Conforms

COMPOSITIONAL PROFILE

Myrrh essential oil is a natural complex substance. Its characteristic constituents may include variable proportions of sesquiterpenes and oxygenated sesquiterpenes, including furanosesquiterpenoid compounds.

Analytical Requirement	Result
Botanical authenticity	Conforms
GC/GC-MS profile	Consistent with approved reference
Added synthetic fragrance materials	None declared



Added preservative	None declared
Added antioxidant	None declared unless stated on batch documentation
Added carrier or diluent	None declared
Residual processing solvent	Not applicable to steam-distilled grade
Adulteration indicators	No evidence detected during routine evaluation

REFINING STATEMENT

The refining process may include filtration, rectification, deodorisation, molecular distillation or removal of insoluble resinous matter.

Refining is intended to:

- Improve clarity and colour
- Reduce heavy resinous residue
- Improve consistency
- Facilitate perfume formulation
- Produce a cleaner and more diffusive olfactive profile

The process does not convert the oil into a single chemically defined substance.

NATURAL VARIATION

As a natural essential oil, colour, odour, density and chromatographic composition may vary due to:

- Botanical source
- Geographic origin
- Harvest season
- Resin age
- Distillation conditions
- Refining intensity
- Storage history



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Such variation is acceptable where the batch conforms to the approved specification.

STORAGE

Store:

- In tightly closed original containers
- In a cool, dry and well-ventilated location
- Away from direct sunlight
- Away from excessive heat and ignition sources
- Away from strong oxidising agents
- With minimum headspace where practicable

Recommended Storage Temperature: 15–25°C

Nitrogen blanketing is recommended for bulk or partially filled containers.

SHELF LIFE

Recommended Retest Period: 24 months from the manufacturing date when stored under recommended conditions.

CONCLUSION

The batch described above conforms to Aromology Trading LLC's representative quality specification for Myrrh Essential Oil Refined. The numerical analytical results shown are representative commercial values and must be replaced by the original batch laboratory results where the certificate is used for formal regulatory, contractual or customer-release purposes.

AUTHORISED BY

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