



Certificate of Analysis

COMMIPHORA MYRRHA (MYRRH) OIL

Product code	: BLPEO1111
Sample designation	: Myrrh Essential Oil
Botanical name	: Commiphora myrrha
CAS#	: 8016-37-3 ; 84929-26-0
FEMA#	: 2766
EINECS#	: 284-510-0
Lot number	: 11112203
Geographic origin	: Somalia
Type of culture	: Organic
Part of the plant used	: Resin (Gum)
Extraction method	: Steam distillation
Manufacturing date	: March 2022
Re-test date	: February 2025



ORG/SC/2202/001041

Sensory Check

Feature	Reference	Result
Appearance:	Amber yellow to brown colored viscous liquid	meets
Fragrance:	Warm, sweet-earthy, smooth, dense aroma	meets
Color:	Amber yellow to brown	meets
Note classification:	Base Note, Fixative	

Analytical Check

Properties	Specifications	Results
Refractive index	1.510 - 1.535 @ 20°C	1.524
Specific gravity (g/mL)	0.950 - 1.020 @ 20°C	0.997
Optical Rotation (°)	-125° to -50°	Conforms
Solubility	Soluble in alcohols and fixed oils Insoluble in water	Conforms
Allergens	None	

Microbial Analyses	Specifications	Standard	Results
Aerobic Mesophilic Bacterial Count	< 100 CFU/g	ISO 21149	Conforms
Yeast and Mould	< 10 CFU/g	ISO 16212	Conforms
Candida albicans	ABSENT / 1g	ISO 18416	Conforms
Escherichia coli	ABSENT / 1g	ISO 21150	Conforms
Pseudomonas aeruginosa	ABSENT / 1g	ISO 22717	Conforms
Staphylococcus aureus	ABSENT / 1g	ISO 12718	Conforms

Heavy Metal Test	Specifications	Standards	Results
Lead: Pb (mg/kg or ppm)	< 10 ppm	n/a	Conforms
Arsenic: As (mg/kg or ppm)	< 2 ppm	n/a	Conforms
Mercury: Hg (mg/kg or ppm)	< 1 ppm	n/a	Conforms

Stability and Storage

Keep in tightly closed containers in a cool and dry place, protected from sunlight. When stored for more than 24 months, quality should be checked before use.

As this is electronically generated document, hence no signature required.

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