

BIORUŽA, s. r. o.

Laborecká 1, 010 01 Žilina, IČO: 52234070, IČ DPH: SK2120953802, tel. : 00421 905 864 140,
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CERTIFICATE OF ANALYSIS Private Laboratory

SUBSTANCE IDENTIFICATION

Name: MYRTLEOIL(Myrtus communis)
Productcode: 4187
INCI: Myrtus Communis Oil
CASNr.: 84082-67-7/8008-46-6
EINECSNr.: 282-012-8/ -
Batch: CO 01/2024
Productiondate: 06 2024
Expirationdate: 06 2029
Specification: Internal

GENERAL CHARACTERISTICS

Typeofproduct: 100% Natural essential oil
Quality: Conventional product
Botanicalname: Myrtus communisL.
Typeofproduction: Water steam distillation
Plantpart: Leaves
Countryoforigin: Montenegro

SENSORICAL CHARACTERISTICS

Parameter	Specification requirements	Result
Appearance	Yellow to green liquid	Yellow Liquid
Odor	Characteristic	Complies

PHYSICAL CHARACTERISTICS

Parameter	Specification requirements	Result
Specificdensity(20°C)	0.890-0.925	0.9064
Refractiveindex(20°C)	1.460-1.470	1.464
Opticalrotation(20°C)	+14°to+30°	+23.4°

PURITY

Parameter	Parameter	Result
Fatty acids and resinified essential oils	Not present	Complies
Additives	Not present	Complies

CHEMICAL CHARACTERISTICS(GC-FID)

Parameter	Specification requirements	Result
Alpha-Pinene	14.0-37.0%	16.4%
Limonene		13.8%
1.8-Cineole		19.8%
Linalool		10.2%
Alpha-Terpineol		1.6%
Linalylacetate		3.7%
Mirtenylacetate	15.0-25.0%	19.0%
Geranylacetate		2.7%

PACKAGINGANDSTORAGE

Parameter	Requirements
Standard packaging	ALU,HDPE
Storage	In tight closed and full containers, at cool, dry and well ventilated place below 25°C
Reanalysis	When opened for more than 24 months quality should be checked before use.

ASSESSMENT

Quality conforms to the specification.

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