

BIORUŽA, s. r. o.

Laborecká 1, 010 01 Žilina, IČO: 52234070, IČ DPH: SK2120953802, tel.: 00421 905 864 140, info@bioruza.sk

CERTIFICATE OF ANALYSIS Private Laboratory

SUBSTANCE IDENTIFICATION

Name: VITEX OIL (Vitex agnus-castus)
Product code: 4196
INCI: Vitex Agnus Castus Extract
CAS Nr. 91722-47-3
EINECS Nr. 294-446-5
Batch: CO 01/2024
Production date: 06/ 2024
Expiration date: 06/ 2029
Specification: Internal

GENERAL CHARACTERISTICS

Type of product: 100% Natural essential oil
Quality: Conventional product
Botanical name: Vitex agnus castus L., Verbenaceae
Type of production: Water steam distillation
Plant part: Upper ground part
Country of origin: Montenegro

SENSORICAL CHARACTERISTICS

Parameter	Specification requirements	Result
Appearance	Colourless to pale yellow liquid	Complies
Odor	Characteristic/Karakterističen	Complies

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	Present/Prisotno	10.6 %
Sabinene	Present/Prisotno	23.8 %
Beta Pinene		1.5 %
Myrcene		3.0 %
1.8 Cineol + Limonene	Present/Prisotno	25.1 %
Gamma Terpinene		1.8 %
Terpinene-4-ol		1.4 %
Alpha Terpenyl acetate		4.3 %
Beta Caryophyllene		5.3 %
Trans Beta Fernezene		6.9 %
Bicyclogermacrene		4.2 %

PACKAGING AND STORAGE

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 12 months quality should be checked before use

ASSESSMENT

Quality conforms to the specification.

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