

BIORUŽA, s. r. o.

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CERTIFICATE OF ANALYSIS

SUBSTANCE IDENTIFICATION

Name: CARROT SEED OIL (Daucus carota)
Product code: 4216
INCI: Daucus Carota Sativa Seed Oil
CAS Nr.: 8015-88-1/84929-61-3
EINECS Nr.: 284-545-1
Batch: 12
Production date: 02/2026
Expiration date: 02/2030
Specification: Internal

GENERAL CHARACTERISTICS

Type of product: 100% Pure and Natural essential oil
Qualit: Conventional product
Botanical name: Daucus carota L.
Type of production: Water steam distillation
Plant part: Seeds
Country of origin: Türkiye

SENSORICAL CHARACTERISTICS

Parameter	Specification requirements	Result
Appearance	Colourless to pale yellow liquid	Ustreza
Odor	Characteristic	Ustreza

PHYSICAL CHARACTERISTICS

Parameter	Specification requirements	Result
Specific density (20°C)	0.910-0.955	0.955
Refractive index (20°C)	1.480-1.491	1.481

PURITY

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

CHEMICAL CHARACTERISTICS (GC-FID)

Parameter	Specification requirements	Result
Limonene		0.3 %
Daucene		3.1 %
trans- β -Farnesene		1.6 %
β Bisabolene		2.9 %
Carotol	min 60.0%	81.4 %
Daucol		1.7 %

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 24 months quality should be checked before use

ASSESSMENT

Quality conforms to the specification.