

CERTIFICATE OF ANALYSIS



SUBSTANCE IDENTIFICATION

Name	Helichrysum oil
INCI	HELICHRYSUM ITALICUM FLOWER OIL
CAS Nr.	90045-56-0
EINECS Nr.	289-918-2
Batch	S2310.01
Production date	08 2023
Expiration date	08 2028
Specification	Internal

GENERAL CHARACTERISTICS

Type of product	100% Natural essential oil
Quality	Conventional product
Botanical name	Helichrysum italicum (Roth.)G.Don, Asteraceae
Type of production	Water steam distillation
Plant part	Flowering parts
Country of origin	Serbia

SENSORICAL CHARACTERISTICS

Parameter	Specification requirements	Result
Appearance	Pale yellow to yellow orange liquid	Complies
Odor	Characteristic	Complies

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
Alpha-Pinene	15.5-37.0 %	18.4 %
Limonene	1.0-10.0 %	4.9 %
Nerol		1.3 %
Neryl acetate	2.0-23.5 %	16.9 %
Alpha-Copaene		1.7 %
Italicene	1.0-8.0 %	3.0 %
Beta-caryophyllene	2.0-10.0 %	3.9 %
Neryl propionate		1.8 %
Gama-Curcumene	10.0-20.0 %	11.4 %
AR-Curcumene		2.6 %
Beta-Salinene		1.3 %
Alpha-Salinene	1.0-9.0 %	8.4 %
Total Italdions	0.5-10.0 %	9.6 %

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.

Approved by
Date

Neža Rangus Ignjatović
15.12.2023

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