

## CERTIFIKAT PROIZVODA/PRODUCT CERTIFICATE

### LIMUNSKA TRAVA/LEMONGRASS

*Cymbopogon flexuosus* (Nees ex Steud.) Will. Watson, Poaceae

100% prirodno eterično ulje/100% pure essential oil

Broj sirovine/Batch number	267002
CM broj/CM number	Na proizvodu/On product
Broj artikla/Product number	120-027-0000
INCI	CYMBOPOGON FLEXUOSUS OIL
CAS broj/CAS number	91884-92-7/8007-02-1
EINECS broj/EINECS number	295-161-9
Način uzgoja/Cultivation	Konvencionalni (plantažni)/Conventional
Zemlja porijekla/Country of origin	Indija/India
Dio biljke/Plant part	Nadzemni dio/The shoot of the plant
Način proizvodnje/Type of production	Destilacija vodenom parom/Water steam distillation

Parametar/Parameter	Zahtjev/Requirements	Rezultat/Result
Izgled i boja/Appearance and color	Bistra, žuta tekućima/Clear, yellow liquid	Odgovara/Complies
Miris/Odor	Karakterističan, citrusni/Characteristic, citrus	Odgovara/Complies

Parametar/Parameter	Zahtjev/Requirements	Rezultat/Result
Relativna gustoća/Specific density (20°C)	0.885-0.905	0.898
Indeks loma svjetlosti/Refractive index (20°C)	1.4830-1.4890	1.4850
Optička rotacija/Optical rotation (20°C)	-4° do/to +1°	-1.65°

Redni broj	Sastavnica/Component	Udio/Share (%)	Alergen/Allergen
1.	geranial	43.45	NE/NO
2.	neral	32.05	NE/NO
3.	geraniol	6.24	DA/YES
4.	geranil ACT + $\gamma$ + $\delta$ -kadinen	4.74	NE/NO
5.	$\beta$ -kariofilen	1.56	NE/NO
6.	6-metil-5-hepten-2-on	1.08	NE/NO
7.	linalool	1.08	DA/YES
8.	kamfen	1.04	NE/NO
9.	4-nonanon	0.94	NE/NO
10.	(E)-izocitral	0.64	DA/YES
11.	kariofilen oksid	0.58	NE/NO
12.	(Z)-izocitral	0.38	DA/YES
13.	citronelal	0.32	NE/NO
14.	kamfor	0.28	NE/NO
15.	limonen	0.25	DA/YES
16.	(Z)- $\beta$ -ocimen	0.25	NE/NO
17.	germakren D	0.24	NE/NO
18.	borneol	0.19	NE/NO
19.	$\alpha$ -pinen	0.18	NE/NO
20.	terpinen-4-ol	0.16	NE/NO

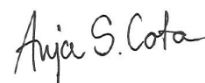
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21.	(E)- $\beta$ -ocimen	0.16	NE/NO
22.	$\alpha$ -terpineol	0.15	NE/NO
23.	nerol	0.15	NE/NO
24.	citronelol	0.14	DA/YES
25.	ekso-izocitral	0.13	NE/NO
26.	triciklen	0.12	NE/NO
27.	mircen + ?	0.05	NE/NO
28.	terpinolen	0.04	NE/NO
29.	linalil acetat	0.04	NE/NO
30.	$\beta$ -elemen	0.03	NE/NO
31.	etanol	0.01	NE/NO
32.	$\beta$ -felandren	0.01	NE/NO

Dokumentacija proizvoda/Product documentation: Navedeni podaci su preuzeti iz dokumentacije dobavljača./These data are downloaded from the supplier's documentation.

Skladištenje/Storage: Čuvati na hladnom i tamnom mjestu, na temperaturi do 20°C./Store at a cool and dark place below 20°C.

Odobrio/Approved by: Anja Sima Cota, Voditeljica kontrole kvalitete/Quality Control Inspector



Datum/Date: 09.02.2021.