



ESSENTIAL OIL SINGLES

# Lemongrass Oil

Cymbopogon flexuosus

**BATCH NUMBER**  
LGR-120

**COUNTRY OF ORIGIN**  
India

**EXTRACTION DATE**  
August 2023

## Gas Chromatography Analysis (%)

ALDEHYDE			
geranial	38.31%	neral	30.84%
isogeranial	1.66%	isoneral	0.96%
citronellal	0.29%	decanal	0.22%
MONOTERPENOL			
geraniol	6.64%	linalool	1.23%
borneol	0.45%	(E)-chrysanthamal	0.28%
$\alpha$ -terpineol	0.24%	nerol	0.15%
citronellol	0.12%		
ESTER			
geranyl acetate	4.25%	neryl acetate	0.94%

**SESQUITERPENE**

$\beta$ -caryophyllene	1.96%	$\gamma$ -cadinene	1.27%
germacrene D	0.33%	$\delta$ -cadinene	0.30%
$\beta$ -elemene	0.23%	$\alpha$ -caryophyllene	0.23%
$\alpha$ -ylangene	0.15%	$\alpha$ -cadinene	0.05%

**MONOTERPENE**

camphene	1.04%	limonene (d)	0.61%
(Z)- $\beta$ -ocimene	0.26%	$\alpha$ -pinene	0.25%
(E)- $\beta$ -ocimene	0.20%	$\beta$ -myrcene	0.10%
terpinolene	0.06%	$\gamma$ -terpinene	0.05%
$\beta$ -pinene	0.03%	sabinene	0.02%
p-cymene	0.01%		

**KETONE**

6-methyl-5-hepten-2-one	1.27%	4-nonanone	1.08%
camphor	0.13%		

**OXIDE**

caryophyllene oxide	0.43%	1,8-cineole	0.07%
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**ETHER**

(E)-isoeugenol	0.40%
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**SESQUITERPENOL**

epi-cubebol	0.15%
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