

# ESSENTOILS

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## **CERTIFICATE OF ANALYSIS**

<b>PRODUCT NAME</b>	<b>LEMON ORGANIC ESSENTIAL OIL</b>
<b>LATIN NAME</b>	<i>Citrus Limonum</i>
<b>CAS NO</b>	<b>84929-31-7</b>
<b>PRODUCT CODE</b>	<b>PGLEMCLI01</b>
<b>MANUFACTURE DATE</b>	09/2021
<b>EXPIRY DATE</b>	09/2024
<b>BATCH NUMBER</b>	<b>LEMO0921SO</b>
<b>COUNTRY OF ORIGIN</b>	<b>SOUTH AFRICA</b>
<b>PART OF PLANT USED</b>	<b>PEEL (COLD PRESSED)</b>
<b>ORIGINAL DATE ISSUED</b>	<b>08/09/2021</b>
<b>DATE OF DISPATCH</b>	<b>22/06/2022</b>

<b>ANALYTICAL DETAILS</b>	<b>SPECIFICATIONS</b>	<b>RESULTS</b>
<b>COLOUR</b>	CLEAR PALE YELLOW TO GREENISH	COMPLIES
<b>ODOUR</b>	SWEET CITRUS AROMA	COMPLIES
<b>PHYSICAL STATE</b>	LIQUID OIL	COMPLIES
<b>REFRACTIVE INDEX (20°C)</b>	1.4730 - 1.4760	1.4742
<b>RELATIVE DENSITY (20°C)</b>	0.850 - 0.858	0.8530
<b>OPTICAL ROTATION (20°C)</b>	+57° - +70°	+68.19°

<b>MAJOR CHEMICAL CONSTITUENTS</b>	<b>RESULTS</b>	<b>SPECIFICATIONS</b>
<b>CHEMICAL NAME</b>	<b>COMPOSITION (%)</b>	<b>COMPOSITION (%)</b>
ALPHA THUJENE	0.343	0.26 - 0.39
ALPHA PINENE	1.565	1.12 - 2.60
SABINENE	1.683	6.60 - 13.00
BETA PINENE	9.497	
MYRCENE	1.598	1.45 - 1.75
PARACYMENE	0.091	-
LIMONENE	72.230	65.96 - 75.99
GAMMA TERPINENE	7.754	7.16 - 9.82
TERPINOLENE	0.326	0.31 - 0.48
ALPHA TERPINEOL	0.094	0.10 - 0.37
NERAL	0.653	0.48 - 1.72
GERANIAL	1.108	0.68 - 2.86
NERYL ACETATE	0.494	0.30 - 0.53
GERANYL ACETATE	0.241	0.17 - 0.54
BETA CARYOPHYLLENE	0.286	0.16 - 0.35
TRANS ALPHA BERGAMOTENE	0.439	0.31 - 0.62
BETA BISABOLENE	0.719	0.46 - 0.91

<b>STORAGE CONDITIONS</b>	<b>STORE IN A COOL DARK PLACE</b>
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As it is electronically generated document, hence no signature required.



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ORGANIC



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