

# ESSENTOILS

www.essentoils.co.za

Ground Floor, Lincoln House, Epsom Downs Office Park, 13 Sloane Street, Bryanston, Johannesburg, South Africa  
Tel: 010 001 3837, Email: info@essentoils.co.za

## CERTIFICATE OF ANALYSIS

<b>PRODUCT NAME</b>	<b>ORANGE ORGANIC ESSENTIAL OIL</b>
<b>LATIN NAME</b>	<i>Citrus Sinensis</i>
<b>CAS NO</b>	<b>8008-75-9</b>
<b>PRODUCT CODE</b>	<b>PGORGCB01</b>
<b>MANUFACTURE DATE</b>	08/2021
<b>EXPIRY DATE</b>	08/2023
<b>BATCH NUMBER</b>	<b>ORGNO0821SO</b>
<b>COUNTRY OF ORIGIN</b>	<b>SOUTH AFRICA</b>
<b>ORIGINAL DATE ISSUED</b>	<b>18/08/2021</b>
<b>DISPATCH DATE</b>	<b>23/02/2022</b>

<b>ANALYTICAL DETAILS</b>	<b>SPECIFICATIONS</b>	<b>RESULTS</b>
<b>COLOUR</b>	CLEAR PALE YELLOW TO ORANGE	COMPLIES
<b>ODOUR</b>	SWEET CITRUS AROMA	COMPLIES
<b>PHYSICAL STATE</b>	LIQUID OIL	COMPLIES
<b>REFRACTIVE INDEX (20°C)</b>	1.470 - 1.475	1.4731
<b>RELATIVE DENSITY (20°C)</b>	0.845 - 0.855	0.8464
<b>OPTICAL ROTATION</b>	+94° - +100°	+97.82°

<b>MAJOR CONSTITUENTS</b>		
<b>CHEMICAL NAME</b>	<b>COMPOSITION (%)</b>	<b>SPECIFICATION (%)</b>
ALPHA PINENE	0.504	0.00-0.80
SABINENE	0.577	-
BETA PINENE	0.039	0.00-1.0
MYRCENE	1.889	1.00-2.50
OCTANAL	0.300	-
ALPHA PHELLANDRENE	0.051	-
DELTA-3-CARENE	0.232	-
LIMONENE	95.335	92-98
OCTANOL	-	-
LINALOOL	0.175	0.20-0.60
NONANAL	0.046	-
DECANAL	0.242	0.20-0.60
NERAL	0.072	-
GERANIAL	0.101	-
ALPHA TERPINEOL	0.028	-
VALENCENE	0.037	-
ALPHA SINENSAL	0.025	-
BETA SINENSAL	0.034	-

<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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