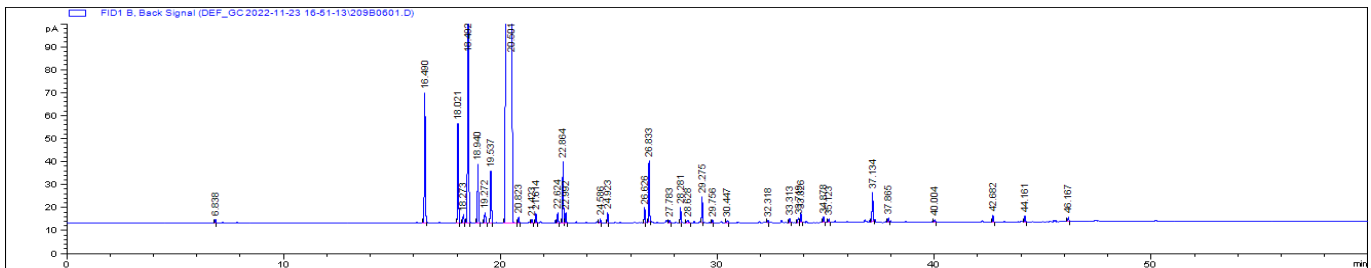


## GC ANALYSIS

<b>PRODUCT NAME</b>	<b>ORANGE 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>PTORGCS01</b>
<b>BATCH NUMBER</b>	<b>ORA151122MAG8253</b>
<b>EXPIRY DATE</b>	11/2024
<b>COUNTRY OF ORIGIN</b>	<b>SOUTH AFRICA</b>

ANALYTICAL DETAILS	SPECIFICATIONS	RESULTS
<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	1.4737
<b>RELATIVE DENSITY (20°C)</b>	0.845 - 0.855	0.8460
<b>OPTICAL ROTATION</b>	+94 <sup>0</sup> - +100 <sup>0</sup>	+98.12 <sup>0</sup>



RETENTION TIME (MIN)	MAJOR CHEMICAL CONSTITUENTS CHEMICAL NAME	RESULTS COMPOSITION (%)
16.490	ALPHA PINENE	0.506
18.021	SABINENE	0.383
18.273	BETA PINENE	0.035
18.492	MYRCENE	1.859
18.940	OCTANAL	0.233
21.423	ALPHA PHELLANDRENE	0.049
18.940	DELTA-3-CARENE	0.236
20.501	LIMONENE	95.504
21.614	OCTANOL	0.032
22.864	LINALOOL	0.217
22.992	NONANAL	0.035
26.833	DECANAL	0.214
28.281	NERAL	0.054
29.275	GERANIAL	0.093
26.626	ALPHA TERPINEOL	0.055
-	VALENCENE	-
-	ALPHA SINENSAL	-
42.682	BETA SINENSAL	0.026

This information is believed to be current and accurate but is provided without any warranty expressed or implied. Customers are advised to determine in advance the safe conditions for use of this product.

Pure Essential Oils | Carrier oils | Butters | Fragrances | Absolutes | Hydrosols