



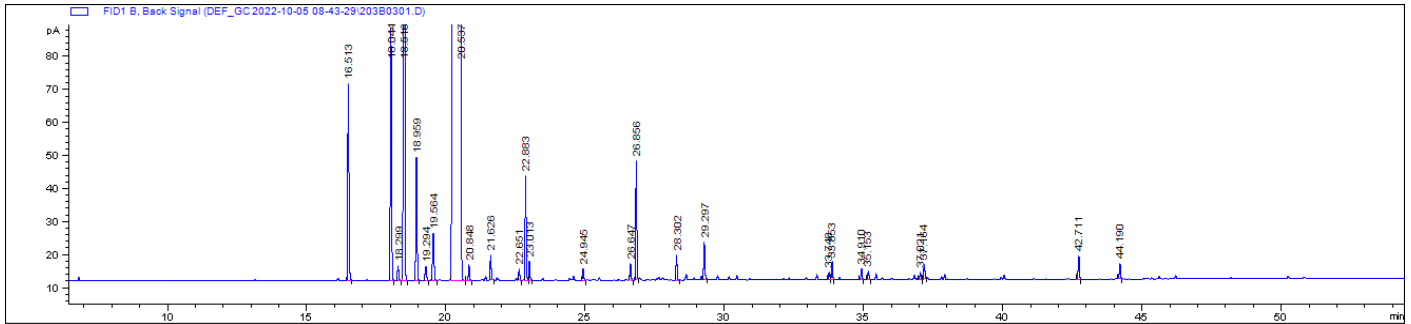
Scatters Oils (Pty) Ltd

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GC ANALYSIS

PRODUCT NAME	ORANGE ORGANIC ESSENTIAL OIL
LATIN NAME	<i>Citrus Sinensis</i>
CAS NO	8008-75-9
PRODUCT CODE	PGORGCB01
EXPIRY DATE	10/2024
BATCH NUMBER	ORGO1022SO
COUNTRY OF ORIGIN	SOUTH AFRICA

ANALYTICAL DETAILS	SPECIFICATIONS	RESULTS
COLOUR	CLEAR PALE YELLOW TO ORANGE	COMPLIES
ODOUR	SWEET CITRUS AROMA	COMPLIES
PHYSICAL STATE	LIQUID OIL	COMPLIES
REFRACTIVE INDEX (20°C)	1.470 - 1.475	1.4730
RELATIVE DENSITY (20°C)	0.845 - 0.855	0.8463
OPTICAL ROTATION	+94° - +100°	+97.53°



MAJOR CONSTITUENTS		RESULTS
RETENTION TIME (MIN)	CHEMICAL NAME	COMPOSITION (%)
16.513	ALPHA PINENE	0.480
18.044	SABINENE	0.606
18.299	BETA PINENE	0.038
18.516	MYRCENE	1.820
18.959	OCTANAL	0.307
19.294	ALPHA PHELLANDRENE	0.042
19.564	DELTA-3-CARENE	0.141
20.537	LIMONENE	95.310
21.626	OCTANOL	0.054
22.883	LINALOOL	0.235
23.013	NONANAL	0.043
26.856	DECANAL	0.262
28.302	NERAL	0.057
29.297	GERANIAL	0.092
26.647	ALPHA TERPINEOL	0.038
37.164	VALENCENE	0.033
44.190	ALPHA SINENSAL	0.037
42.711	BETA SINENSAL	0.056

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

FDA APPROVED

ORGANICALLY CERTIFIED