



Scatters Oils (Pty) Ltd

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## CERTIFICATE OF ANALYSIS

PRODUCT NAME	MANDARINE ESSENTIAL OIL
LATIN NAME	<i>Citrus Reticula</i>
CAS NO	8008-31-9
PRODUCT CODE	PCMANCR01
MANUFACTURE DATE	11/2021
EXPIRY DATE	11/2023
EXTENDED DATE	11/2024
BATCH NUMBER	MAN301121CFP80589
COUNTRY OF ORIGIN	SOUTH AFRICA
PART OF PLANT USED	PEEL (COLD PRESSED)
ORIGINAL DATE ISSUED	12/12/2022
DATE DISPATCHED	-

ANALYTICAL DETAILS	SPECIFICATIONS	RESULTS
COLOUR	RED ORANGE COLOUR	COMPLIES
ODOUR	CITRUS AROMA	COMPLIES
PHYSICAL STATE	LIQUID OIL	COMPLIES
REFRACTIVE INDEX (20°C)	1.4730 - 1.4860	1.4738
RELATIVE DENSITY (20°C)	0.843 - 0.890	0.8460
OPTICAL ROTATION	+75° - +95°	+97.21°

MAJOR CHEMICAL CONSTITUENTS	RESULTS	SPECIFICATION
CHEMICAL NAME	COMPOSITION (%)	COMPOSITION (%)
ALPHA PINENE	0.754	0.47 - 1.70
SABINENE	0.138	0.18 - 0.36
BETA PINENE	0.281	0.01 - 1.20
MYRCENE	1.736	1.70 - 2.01
OCTANAL	0.127	0.07 - 0.16
ALPHA PHELLANDRENE	0.034	0.05 - 0.11
DELTA-2-CARENE	0.057	0 - 0.19
LIMONENE	92.370	72.26 - 96.23
GAMMA TERPINENE	3.143	0 - 15.33
TERPINOLENE	0.134	0.05 - 0.68
LINALOOL	0.230	0.11 - 0.28
DECANAL	0.113	0.12 - 0.28
METHY-N-METHYLANTHRANILATE	-	0 - 0.25
ALPHA SINENSAL	-	0 - 0.19

STORAGE CONDITIONS	STORE IN A COOL DARK PLACE
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A. SALMAN  
AYANDA SALMAN  
QC DEPARTMENT

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