

CERTIFICATE OF ANALYSIS

PRODUCT NAME	GRAPEFRUIT PINK ESSENTIAL OIL
LATIN NAME	<i>Citrus Paradisi</i>
CAS NO	8016-20-4
PRODUCT CODE	PTGRAPK02
BATCH NUMBER	GFR281022OND82438
MANUFACTURE DATE	10/2022
EXPIRY DATE	10/2024
COUNTRY OF ORIGIN	SOUTH AFRICA
PART OF PLANT USED	FRUIT/PEEL (COLD PRESSED)
ORIGINAL DATE ISSUED	07/12/2022
DATE DISPATCHED	07/12/2022

ANALYTICAL DETAILS	SPECIFICATIONS	RESULTS
COLOUR	ORANGE TO DARK RED	COMPLIES
ODOUR	FRUITY AROMA	COMPLIES
PHYSICAL STATE	LIQUID	COMPLIES
REFRACTIVE INDEX (20°C)	1.470 - 1.478	1.4765
RELATIVE DENSITY (20°C)	0.845 - 0.860	0.8555
OPTICAL ROTATION	+91° - +96°	+93.94°

MAJOR CHEMICAL CONSTITUENTS	RESULTS	SPECIFICATION
CHEMICAL NAME	% COMPOSITION	% COMPOSITION
ALPHA PINENE	0.515	0.40-0.60
SABINENE	0.488	0.20-0.60
BETA PINENE	0.067	0.03-0.50
MYRCENE	1.857	1.60-2.00
OCTANAL	0.394	0.20-0.50
ALPHA PHELLANDRENE	0.033	-
LIMONENE	94.625	93.00-95.00
LINALOOL	0.083	0.10-0.20
NONANAL	0.059	0.00-0.05
DECANAL	0.321	0.20-0.60
BETA CARYOPHYLLENE	0.230	-
DELTA CADINENE	0.073	-
NOOTKATONE	0.114	0.02-0.30

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

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