

CERTIFICATE OF ANALYSIS
GC ANALYSIS

PRODUCT DETAILS**PRODUCT NAME: GERANIUM (EGYPTIAN), ESSENTIAL OIL ORGANIC****LOT NUMBER: WS/4002/819****PRODUCT INCI: PELARGONIUM GRAVEOLENS FLOWER OIL****CAS NUMBER: 8000-46-2****H- NUMBER: 3301-21****MANUFACTURING METHOD: STEAM DISTILLED****MANUFACTURING DATE: 08/2019****BEST BEFORE DATE: 07/2021****GC ANALYSIS**

ANALYTICAL DETAILS	RANGE	RESULTS
APPEARANCE	LIQUID	-
COLOUR	PALE GREEN, PALE YELLOW TO GOLDEN YELLOW (PALE YELLOW)	-
ODOUR	SWEET ROSËLIKE AROMA, MINTY, FRESH, GERANIUM LEAF	-
SPECIFIC GRAVITY @ 20°C	0.860 - 0.905	0.889
REFRACTIVE INDEX @ 20°C	1.460 - 1.477	1.4637
OPTICAL ROTATION (°C)	-10 to +10	complies
SOLUBILITY IN ALCOHOL:	1:3 SOLUBLE IN 70% ETHANOL	(Clear, soluble)

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COMPONENT	RESULT
ALPHA-PINENE	0.53
MYRCENE	0.32
D-LIMONENE + OCIMENE	0.26
trans-beta-Ocimene	0.25
Linalool oxide	0.20
Linalool	4.48
cis-Rose oxide	1.13
trans-Rose oxide	0.46
Menthone	1.48
iso-Menthone	5.39
Alpha-Terpineol	0.41
Citronellol	32.92
Geraniol	14.13
Citronellyl formate	6.93
Geranyl formate	2.97
gamma-epi-Eudesmol	4.32
Geranyl tiglate	1.21

STORAGE CONDITIONS

STORE IN A COOL DRY PLACE AWAY FROM HEAT & SUNLIGHT

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