

CERTIFICATE OF ANALYSIS

PRODUCT NAME: GERANIUM OIL
BOTANICAL NAME: *Pelargonium graveolens*
COUNTRY OF ORIGIN: EGYPT

TEST	SPECIFICATION	RESULT
APPEARANCE	MOBILE LIQUID	MOBILE LIQUID
COLOUR	PALE YELLOW TO OLIVE-GREEN	YELLOW
CLARITY	CLEAR, NO FOREIGN MATTER	CLEAR, NO FOREIGN MATTER
ODOUR	SWEET, FLORAL ROSY-LEAFY	CHARACTERISTIC
SPECIFIC GRAVITY @ 20°C	0.880 to 0.902	0.895
OPTICAL ROTATION @ 20°C	-15° to -2°	-12°
REFRACTIVE INDEX @ 20°C	1.460 to 1.473	1.466
CHROMATOGRAPHIC PROFILE		
LINALOOL (%)	3.0 to 8.0	3.8
MENTHONE (%)	Max 3.0	0.9
CITRONELLOL (%)	30.0 to 40.0	33.8
GERANIOL (%)	10.0 to 20.0	12.9
CITRONELLYL FORMATE (%)	5.0 to 10.0	7.1