



CERTIFICATE OF ANALYSIS ROSE GERANIUM OIL

PRODUCT NAME	Rose Geranium Oil
BOTANICAL NAME	<i>Pelargonium graveolens</i>
BATCH NUMBER	NAP21530
CAS No	90082-51-2/8000-46-2
EINECS No	290-140-0
INCI NAME	Pelargonium Graveolens Leaf Oil
MANUFACTURE DATE	April 2020
EXPIRY DATE	April 2023
ORIGIN	France
EXTRACTION	Steam distilled
PLANT PART	Aerial Parts
APPEARANCE	Clear liquid
COLOUR	Colourless to yellow
ODOUR	Characteristic, fresh

PHYSICAL CHARACTERISTICS	RANGE	RESULT
SPECIFIC GRAVITY @20°C	0.882 to 0.985	0.887
REFRACTIVE INDEX @20°C	1.460 to 1.486	1.474
OPTICAL ROTATION @20°C	-18.0 to 0.0	-1.0

GC CHROMATOGRAPHIC ANALYSIS	
CONSTITUENT	RESULT %
Linalool*	9.879
Phenyl ethyl alcohol	11.317
Citronellol	37.833
Geraniol	32.399
Geranyl acetate	1.079

* EU Allergen