

CERTIFICATE OF ANALYSIS

Geranium Egypt Oil -

3.9 GAS CHROMATOGRAPH ANALYSIS --- and EFFA Listed Sensitisers & IFRA Notifiable Substances

CONSTITUENT	IFRA	EFFA	CAS Number	EINECS Number	RANGE	RESULT
Citronellol:	NO	YES	106-22-9	203-375-0	26% to 33%	32.10%
Geraniol:	NO	YES	106-24-1	203-377-1	12% to 22%	16.70%
Linalool:	YES	YES	78-70-6	201-134-4	4.5% to 9.5%	8.70%
Citronellyl Formate:	NO	NO	105-85-1	203-338-9	Not available	7.43%
iso-Menthone:	NO	NO	491-07-6	207-727-4	Not available	6.05%
10-epi-γ-Eudesmol:	NO	NO	Not allocated	Not allocated	Min. 4.2%	4.60%
Geranyl Formate:	NO	NO	105-86-2	203-339-4	Not available	3.89%
Citronellyl Propionate:	NO	NO	141-14-0	205-461-3	Not available	2.10%
Geranyl Butyrate:	NO	NO	106-29-6	203-381-3	Not available	1.72%
Geranyl Propionate:	NO	NO	105-90-8	203-344-1	Not available	1.69%
Geranyl Tiglate:	NO	NO	7785-33-3	232-078-9	Not available	1.44%
cis-Rose Oxide:	NO	NO	076-17-5	Not allocated	Not available	1.04%
Menthone:	NO	NO	89-90-5	Not allocated	Not available	0.78%
γ-Pinene:	NO	NO	80-56-8	201-291-9	Not available	0.45%
trans-Rose Oxide:	NO	NO	076-18-6	Not allocated	Not available	0.40%