

NAME

GERANIUM

LATIN NAME

Pelargonium Graveolens

COUNTRY OF ORIGIN

Egypt

GAS CHROMATOGRAPHY ANALYSIS (%)

MONOTERPENES (0.33%)

alpha-Pinene 0.33

MONOTERPENOLS (56.38%)

Linalool 8.16
alpha-Terpineol 0.48
Nerol 0.31
Citronellol 31.30
Geraniol 16.13

SESQUITERPENES (4.68%)

alpha-Copaenene 0.40
beta-Bourbonene 0.85
beta-Caryophyllene 0.87
Germacrene D 1.42
gamma-Cadinene 0.18
alpha-Murolene 0.20
delta-Cadinene 0.76

SESQUITERPENOLS (4.34%)

Eudesmol 4.08
alpha Eudesmol 0.26

ALDEHYDES (0.91%)

Neral 0.34
Geranial 0.57

ESTERS (19.57%)

Citronellyl tiglate 0.37
Geranyl tiglate 1.79
Phenylthyl tiglate 0.77
Citronellyl formate 7.08
Geranyl formate 6.29
Geranyl acetate 0.46
Citronellyl propionate 0.27
Geranyl propionate 0.63
Citronellyl butyrate 0.67
Geranyl butyrate 1.24

OXIDES (1.48%)

cis-Rose oxide 1.07
trans-Rose oxide 0.41

KETONES (5.38%)

Menthone 0.70
Isomenthone 4.68