

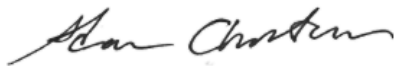
Sample:

Client: | Nature's Gift
Sample: | Rose Geranium (Pelargonium roseum)
Batch # | MA-58616
CAS Number | 90082-55-6
Type: | Essential Oil

Conclusion:

- No adulterants, diluents, or contaminants were detected via this method.
- This oil meets the expected profile for genuine oil of Rose Geranium (Pelargonium roseum).

X



Validated By:



Essential Validation Services

747 SW 2nd Ave, Gainesville, FL 32601

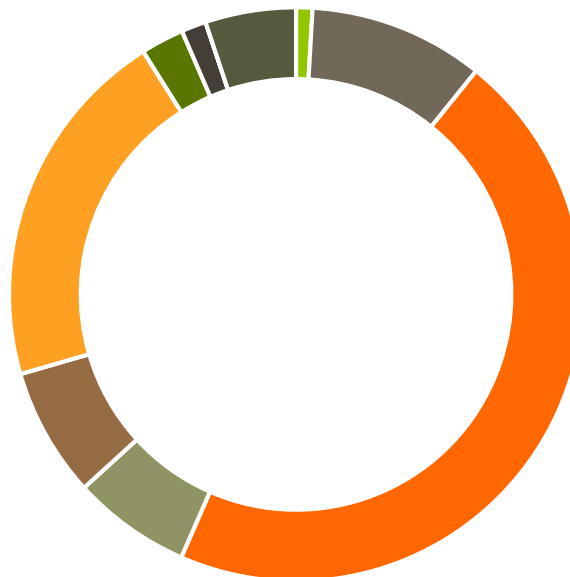
Phone: 317-361-5044 E-mail: Adam@essentialvalidationservices.com

Summary of Analyses

A fresh sample of Rose Geranium (Pelargonium roseum) (10 uL in .5to.5 mL Hexane + ETOH) was prepared and analyzed via split injection GC/EI-MS.

Main Compounds	Percentages
Citronellol	26.72%
Geraniol	13.66%
Citronellyl formate	8.00%
10-epi-gamma-Eudesmol	6.37%
Linalool	4.42%
Isomenthone	4.17%
Geranyl formate	3.28%
Menthone	3.02%
Citronellyl butyrate	1.93%
Geranyl butyrate	1.66%
cis-Rose oxide	1.62%
beta-Caryophyllene	1.57%
beta-Bourbonene	1.56%

Monoterpenes	Sesquiterpenes	Monoterpenols	Sesquiterpenols	Ketones
0.92%	9.88%	45.75%	6.68%	7.29%
Esters	Ethers	Aldehydes	Phenols	Other
20.54%	2.43%	1.40%	0.00%	5.11%



- Monoterpenes
- Sesquiterpenes
- Monoterpenols
- Sesquiterpenols
- Ketones
- Esters
- Ethers
- Phenols
- Other