



## *Essential Validation Services*



## Sample:

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Client: | 21 Drops  
Sample: | Palmarosa Cymbopogon (martinii var motia)  
Batch # | 0317/1  
CAS Number | 8014-19-5  
Type: | Essential Oil

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## Conclusion:

- No adulterants, diluents, or contaminants were detected via this method.



X

A handwritten signature in black ink, appearing to read "Adam Christen", is written over a horizontal line.

Validated By:

Essential Validation Services

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## Summary of Analyses

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A fresh sample of Palmarosa Cymbopogon (martinii var motia) Essential Oil (10 uL in .5to.5 mL Hexane + ETOH) was prepared and analyzed via split injection GC/EI-MS.

Main Compounds	Percentages
Geraniol	66.12%
Geranyl acetate	12.24%
(E)-beta-Ocimene	4.17%
Linalool	3.51%
Myrcene	2.61%
Limonene	2.10%
beta-Caryophyllene	1.59%
(Z)-beta-Ocimene	1.52%
Terpinolene	0.90%
Terpinolene	0.90%
alpha-Terpinene	0.71%
Geranial	0.44%
Geranyl ethyl ether 1	0.34%

Monoterpenes	Sesquiterpenes	Monoterpenols	Sesquiterpenols	Ketones
12.79%	2.03%	69.92%	1.01%	0.00%
Esters	Ethers	Aldehydes	Phenols	Other
12.31%	0.00%	0.56%	0.09%	1.29%





