

Client



Source

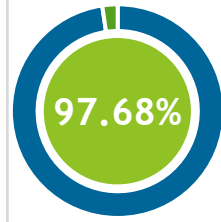
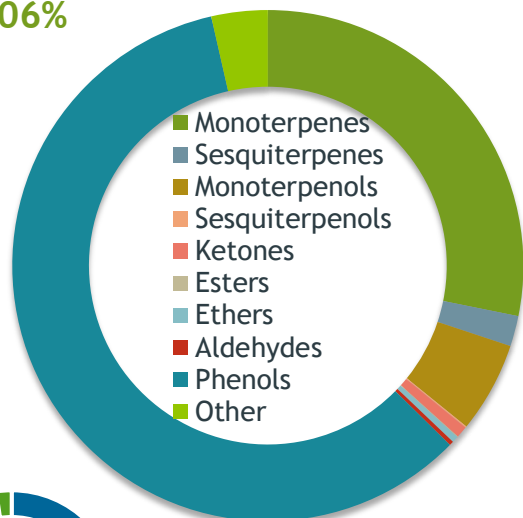
Bay Rum (*Pimenta racemosa*)
JOD0521G

Sample

Bay Rum (*Pimenta racemosa*)
Batch #:..... JOD0521G
Type:..... Essential Oil
CAS Number:.... 8006-78-8
Natural Sourcing LLC

Phenols

59.06%



Percentage Identified

Client



Website



Primary

49.35% Eugenol
18.85% Myrcene
7.50% Chavicol

Result



Conclusion

No adulterants, diluents, or contaminants were detected via this method. This oil meets the expected profile for genuine Essential Oil of Bay Rum (*Pimenta racemosa*)

Internal Number: | EVS-4852



Essential Validation Services

747 SW 2nd Ave IMB 12 Suite 306
Gainesville, FL 32601

317.361.5044 |
<https://essentialvalidationservices.com/>

Alan Chastain

Monoterpenes	28.17%	28.17%
Sesquiterpenes	1.93%	1.93%
Monoterpenols	5.74%	5.74%
Sesquiterpenols	0.09%	0.09%
Ketones	0.73%	0.73%
Esters	0.05%	0.05%
Ethers	0.40%	0.40%
Aldehydes	0.27%	0.27%
Phenols	59.06%	59.06%
Other	3.56%	3.56%

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- Essential Oil testing is performed by using qualitative GC-MS. Method: SOP.T.01 Client Method
- This report may not be published without the consent of Essential Validation Services.
- Chromatograph image may be requested
- This report is valid for 1 year from the analyzed date

Client


NATURAL SOURCING
 Cosmetic and Personal Care Ingredient Specialists
 PROUDLY SERVING YOU FOR OVER 30 YEARS

Source

Bay Rum (Pimenta racemosa)
JOD0521G

Total Percentage		97.68%		
Number	RT	Area %	Compound Name	Chemical Family
1	7.41	0.02%	Hashishene	Monoterpene
2	7.90	0.05%	alpha-Thujene	Monoterpene
3	8.13	0.22%	alpha-Pinene	Monoterpene
4	9.10	0.04%	Camphene	Monoterpene
5	9.84	0.11%	beta-Pinene	Monoterpene
6	10.06	0.80%	1-Octen-3-ol	Aliphatic Alcohol
7	10.26	0.71%	Octan-3-one	Aliphatic Ketone
8	10.47	18.85%	Myrcene	Monoterpene
9	10.77	0.42%	3-Octanol	Aliphatic Alcohol
10	10.97	0.36%	Pseudolimonene	Monoterpene
11	11.07	0.57%	alpha-Phellandrene	Monoterpene
12	11.18	0.05%	delta-3-Carene	Monoterpene
13	11.54	0.12%	alpha-Terpinene	Monoterpene
14	11.87	0.51%	para-Cymene	Monoterpene
15	12.08	4.32%	Limonene	Monoterpene
16	12.17	0.36%	1,8-Cineole	Monoterpene Ether
17	12.46	0.36%	(Z)-beta-Ocimene	Monoterpene
18	12.92	1.33%	(E)-beta-Ocimene	Monoterpene
19	13.39	0.07%	gamma-Terpinene	Monoterpene
20	13.94	0.02%	cis-Linalool oxide (5) (furanoid)	Monoterpenol
21	14.06	0.02%	1-Octanol	Aliphatic Alcohol
22	14.61	1.06%	Terpinolene	Monoterpene
23	14.81	0.03%	para-Cymenene	Monoterpene
24	15.35	4.28%	Linalool	Monoterpenol
25	15.75	0.01%	1-Octenyl-3 acetate	Monoterpene Ester
26	15.83	0.02%	1,3,8-para-Menthatriene	Monoterpene
27	16.63	0.08%	Alloocimene	Monoterpene
28	18.93	1.19%	Terpinen-4-ol	Monoterpenol
29	19.26	0.05%	para-Cymen-8-ol	Monoterpenol
30	19.45	0.02%	Methyl salicylate	Phenolic Ester
31	19.62	0.19%	alpha-Terpineol	Monoterpenol
32	19.77	0.24%	Methyl chavicol	Phenylpropanoid
33	20.22	0.04%	Decanal	Aliphatic Aldehyde
34	21.03	0.01%	Nerol	Monoterpenol
35	21.62	0.09%	Citral	Monoterpene Aldehyde

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