

Client



Source



Allspice (*Pimenta officinalis*)  
JOE1119E

Sample

Allspice (*Pimenta officinalis*)  
Batch #:..... | JOE1119E  
Type:..... | Essential Oil  
CAS Number:... | 8006-77-7  
**Natural Sourcing LLC**

Client



Website

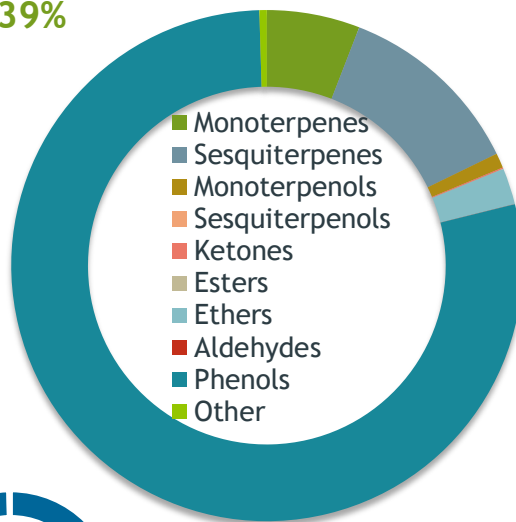


Primary

**68.87%** | Eugenol  
**8.59%** | Methyl eugenol  
**8.04%** | beta-Caryophyllene

Phenols

78.39%



Percentage Identified

Result



Conclusion

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

Internal Number: | EVS-4851



Essential Validation Services

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

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

Monoterpenes	5.89%
Sesquiterpenes	11.90%
Monoterpenols	0.94%
Sesquiterpenols	0.00%
Ketones	0.08%
Esters	0.02%
Ethers	2.30%
Aldehydes	0.01%
Phenols	78.39%
Other	0.47%

- Essential Oil testing is performed by using qualitative GC-MS. Method: SOP.T.01 Client Method  
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- Chromatograph image may be requested  
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Client


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

Source

Allspice (*Pimenta officinalis*)

JOE1119E

Total Percentage		99.64%		
Number	RT	Area %	Compound Name	Chemical Family
1	8.13	0.25%	alpha-Pinene	Monoterpene
2	9.68	0.14%	Sabinene	Monoterpene
3	9.84	0.18%	beta-Pinene	Monoterpene
4	10.06	0.07%	1-Octen-3-ol	Aliphatic Alcohol
5	10.26	0.07%	Octan-3-one	Aliphatic Ketone
6	10.43	2.12%	Myrcene	Monoterpene
7	10.77	0.04%	3-Octanol	Aliphatic Alcohol
8	11.07	1.00%	alpha-Phellandrene	Monoterpene
9	11.18	0.20%	delta-3-Carene	Monoterpene
10	11.54	0.03%	alpha-Terpinene	Monoterpene
11	11.87	0.42%	para-Cymene	Monoterpene
12	12.08	1.03%	Limonene	Monoterpene
13	12.17	2.17%	1,8-Cineole	Monoterpene Ether
14	12.46	0.01%	(E)-beta-Ocimene	Monoterpene
15	12.92	0.06%	(Z)-beta-Ocimene	Monoterpene
16	13.39	0.07%	gamma-Terpinene	Monoterpene
17	14.61	0.38%	Terpinolene	Monoterpene
18	15.33	0.47%	Linalool	Monoterpenol
19	18.93	0.44%	Terpinen-4-ol	Monoterpenol
20	19.62	0.03%	alpha-Terpineol	Monoterpenol
21	19.78	0.02%	Methyl chavicol	Phenylpropanoid
22	21.81	0.01%	Carvone	Monoterpene Ketone
23	22.22	0.02%	Linalyl acetate	Monoterpene Ester
24	22.34	0.91%	Chavicol	Phenylpropanoid
25	22.99	0.01%	Geranial	Monoterpene Aldehyde
26	25.88	0.02%	delta-Elemene	Sesquiterpene
27	26.40	0.02%	alpha-Cubebene	Sesquiterpene
28	26.92	68.87%	Eugenol	Phenylpropanoid
29	27.62	0.49%	alpha-Copaene	Sesquiterpene
30	28.23	0.48%	beta-Elemene	Sesquiterpene
31	28.80	8.59%	Methyl eugenol	Phenylpropanoid
32	29.42	8.04%	beta-Caryophyllene	Sesquiterpene
33	30.86	1.52%	alpha-Humulene	Sesquiterpene
34	31.03	0.02%	allo-Aromadendrene	Sesquiterpene
35	31.59	0.03%	trans-Cadina-1(6),4-diene	Sesquiterpene

ESSENTIAL VALIDATION SERVICES | 747 SW 2<sup>ND</sup> AVE GAINESVILLE, FLORIDA 32601 | 317-361-5044

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Number	RT	Area %	Compound Name	Chemical Family
36	31.712	0.04%	gamma-Muurolene	Sesquiterpene
37	32.51	0.02%	alpha-Selinene	Sesquiterpene
38	32.69	0.03%	alpha-Muurolene	Sesquiterpene
39	33.03	0.04%	(E,E)-alpha-Farnesene	Sesquiterpene
40	33.23	0.03%	gamma-Cadinene	Sesquiterpene
41	33.48	1.12%	beta-Cadinene	Sesquiterpene
42	35.82	0.11%	Caryophyllene oxide	Sesquiterpene Ether
43	36.88	0.02%	Humulene epoxide II	Sesquiterpene Ether

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