

Client

WHOLESALE BOTANICS .COM

Source



Anise Star (*Pimpinella anisum*)
K-STA

Sample

Anise Star (*Pimpinella anisum*)

Batch #:..... K-STA

Type:..... Essential Oil

CAS Number:...

Wholesale Botanics

Client

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Website



Primary

85.79%

(E)-Anethole

4.08%

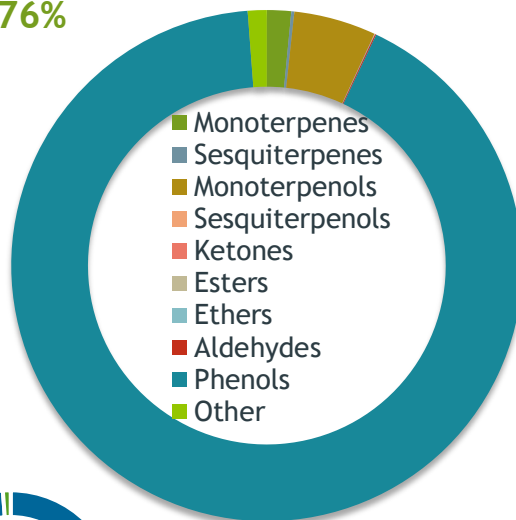
Methyl chavicol

3.47%

Linalool

Phenols

91.76%



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 Anise Star (*Pimpinella anisum*)

Internal Number: | EVS-5059



Essential Validation Services

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

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

Alan Christen

Monoterpenes	1.53%
Sesquiterpenes	0.19%
Monoterpenols	5.20%
Sesquiterpenols	0.00%
Ketones	0.02%
Esters	0.01%
Ethers	0.02%
Aldehydes	0.07%
Phenols	91.76%
Other	1.20%

- 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 - This report may not be published without the consent of Essential Validation Services.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

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Source

Anise Star (*Pimpinella anisum*)

K-STA

Total Percentage		98.83%		
Number	RT	Area %	Compound Name	Chemical Family
1	7.80	0.03%	Nonane	Alkane
2	8.00	0.01%	alpha-Pinene	Monoterpene
3	9.55	0.01%	Sabinene	Monoterpene
4	10.10	0.01%	6-Methyl-5-hepten-2-one	Aliphatic Ketone
5	10.28	0.03%	Myrcene	Monoterpene
6	10.89	0.01%	Octanal	Aliphatic Aldehyde
7	11.92	1.45%	Limonene	Monoterpene
8	12.02	0.02%	1,8-Cineole	Monoterpene Ether
9	12.76	0.01%	(E)-beta-Ocimene	Monoterpene
10	13.23	0.01%	gamma-Terpinene	Monoterpene
11	13.79	0.01%	cis-Linalool oxide (5) (furanoid)	Monoterpenol
12	14.44	0.01%	Terpinolene	Monoterpene
13	14.51	0.01%	trans-Linalool oxide (5) (furanoid)	Monoterpenol
14	15.19	3.47%	Linalool	Monoterpenol
15	17.36	0.06%	beta-Terpineol	Monoterpenol
16	17.94	0.02%	Isoborneol	Monoterpenol
17	18.34	0.05%	Borneol	Monoterpenol
18	18.76	0.05%	Terpinen-4-ol	Monoterpenol
19	19.27	0.01%	(Z)-3-Hexenyl butyrate	Aliphatic Ester
20	19.46	1.53%	alpha-Terpineol	Monoterpenol
21	19.63	4.08%	Methyl chavicol	Phenylpropanoid
22	21.46	0.03%	Neral	Monoterpene Aldehyde
23	21.65	0.01%	Carvone	Monoterpene Ketone
24	22.16	1.80%	para-Anisaldehyde	Simple Phenolic
25	22.46	0.07%	(Z)-Anethole	Phenylpropanoid
26	22.92	0.03%	Geranial	Monoterpene Aldehyde
27	23.94	85.79%	(E)-Anethole	Phenylpropanoid
28	26.44	0.02%	Eugenol	Phenylpropanoid
29	27.58	0.59%	UK Compound	
30	29.19	0.04%	beta-Caryophyllene	Sesquiterpene
31	29.87	0.03%	trans-alpha-Bergamotene	Sesquiterpene
32	30.66	0.01%	alpha-Humulene	Sesquiterpene
33	30.76	0.01%	(E)-beta-Farnesene	Sesquiterpene
34	31.72	0.02%	Germacrene D	Sesquiterpene
35	32.42	0.01%	gamma-Amorphene	Sesquiterpene

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