



Jade Bloom

Health, Healing, & Happiness®

Date: January 5, 2022

CERTIFICATE OF ANALYSIS - GC PROFILING

Sample identification: Fenugreek - 210713506

Type: Vegetable oil & fats

Source: Trigonella foenum

ANALYSIS

Method: 101min_FAME.m - Fatty acids profiling of a vegetable oil or a plant by hydrolysis and derivatisation (FAMES).

Analysis date: January

4, 2022 Physical

aspect: Yellow liquid

CONCLUSION

No adulterant or contaminant has been detected in this oil. The oil passed the Microbial test. The oil complies with PT specs.

Peak	Compound	RT	Area Sum %
1	Myristic acid	39.777	0.18
2	Pentadecanoic acid	45.674	0.13
3	Palmitic acid	46.403	11.7
4	(9Z)-Heptadecenoic acid	48.705	0.23
5	Margaric acid	49.485	0.32
6	Elaidic acid	50.681	0.41
7	Linoleic acid	51.474	40.56
8	Oleic acid + α -Lenolenic acid	51.667	38.3
9	cis-Vaccenic acid	51.817	0.85
10	Stearic acid	52.461	4.62
11	Gondoic acid	57.282	0.43
12	Arachidic acid	58.047	1.2
13	Erucic acid	62.535	0.25
14	Behenic acid	63.22	0.57
15	Lignoceric acid	68.036	0.25
	Total identified		100%

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