

Laboratory Test Report

SAMPLE NAME : Organic Jojoba
CLIENT NAME : Plant Therapy
CLIENT LOT # : J70126R
APRC LOT# : PT251209A

Column : ZB5 (60 m length × 0.25 mm inner diameter × 0.25 µm film thicknes)
Instrument : Shimadzu GCMS-QP2010 Ultra
Carrier gas : Helium 80 psi
Temperature ramp : 2 degrees Celsius per minute up to 260-degree Celsius
Split ratio : 30:1
Sample preparation : 5% w/v solution with Dichloromethane

Interpretation on this sample

The analysis of Jojoba sample meets the standard chemical profile of Simmondsia chinensis oil.

Analyzed by : Dr Prabodh Satyal
Reviewed by : Ambika Poudel

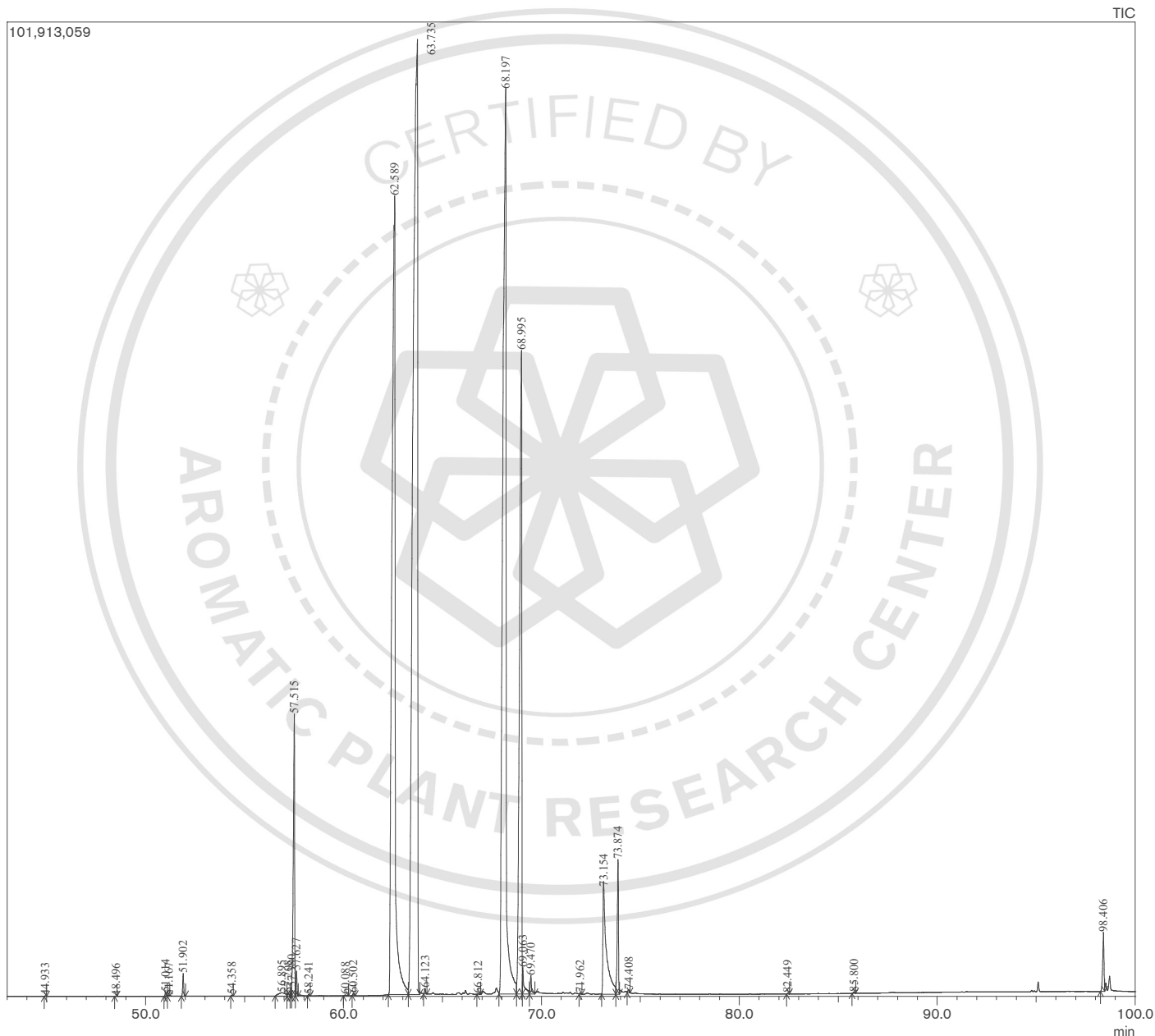
Issued Date : 12/10/2025

GCMS Analysis

Sample Information

Analyzed by : Dr. Prabodh Satyal
Analyzed : 12/10/2025 4:45:36 PM
Sample Type : Oil
Sample Name : Organic Jojoba
Client Name : Plant Therapy
Client Lot# : J70126R
APRC Lot# : PT251209A
Injection Volume : 0.30

Chromatogram



Peak Report

Peak#	R.Time	Name	Area%
1	44.933	Myristic acid	0.00
2	48.496	Pentadecanoic acid	0.00
3	51.014	cis-7-Hexadecenoic acid	0.03
4	51.167	Palmitoleic acid	0.00
5	51.902	Palmitic acid	0.17
6	54.358	cis-10-Heptadecenoic acid	0.01
7	56.895	Unidentified	0.18
8	57.208	Linoleic acid	0.03
9	57.380	Linolenic acid	0.03
10	57.515	cis-Oleic acid	2.90
11	57.627	trans-Oleic acid	0.18
12	58.241	Stearic acid	0.01
13	60.088	Ethyl linoleic acid	0.01
14	60.502	trans-10-Nonadecenoic acid	0.02
15	62.589	cis-Eicos-9-en-1-ol	20.87
16	63.735	cis-11-Eicosenoic acid	34.73
17	64.123	Arachidic acid	0.04
18	66.812	Heneicosanoic acid	0.01
19	68.197	cis-Docos-13-en-1-ol	24.08
20	68.995	Erucic acid	11.12
21	69.063	Unidentified	0.36
22	69.470	Behenic acid	0.21
23	71.962	Tricosanoic acid	0.01
24	73.154	cis-Tricos-14-enyl formate	3.06
25	73.874	cis-15-Tetracosenoic acid	1.28
26	74.408	Lignoceric acid	0.03
27	82.449	beta-Sitosterol acetate	0.01
28	85.800	3-beta-methoxy-Stigmast-5-ene	0.01
29	98.406	Unidentified	0.60
			100.00