

Laboratory Test Report

SAMPLE NAME : Jojoba
CLIENT NAME : Plant Therapy
CLIENT LOT # : J30129R
APRC LOT# : PT251001C

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

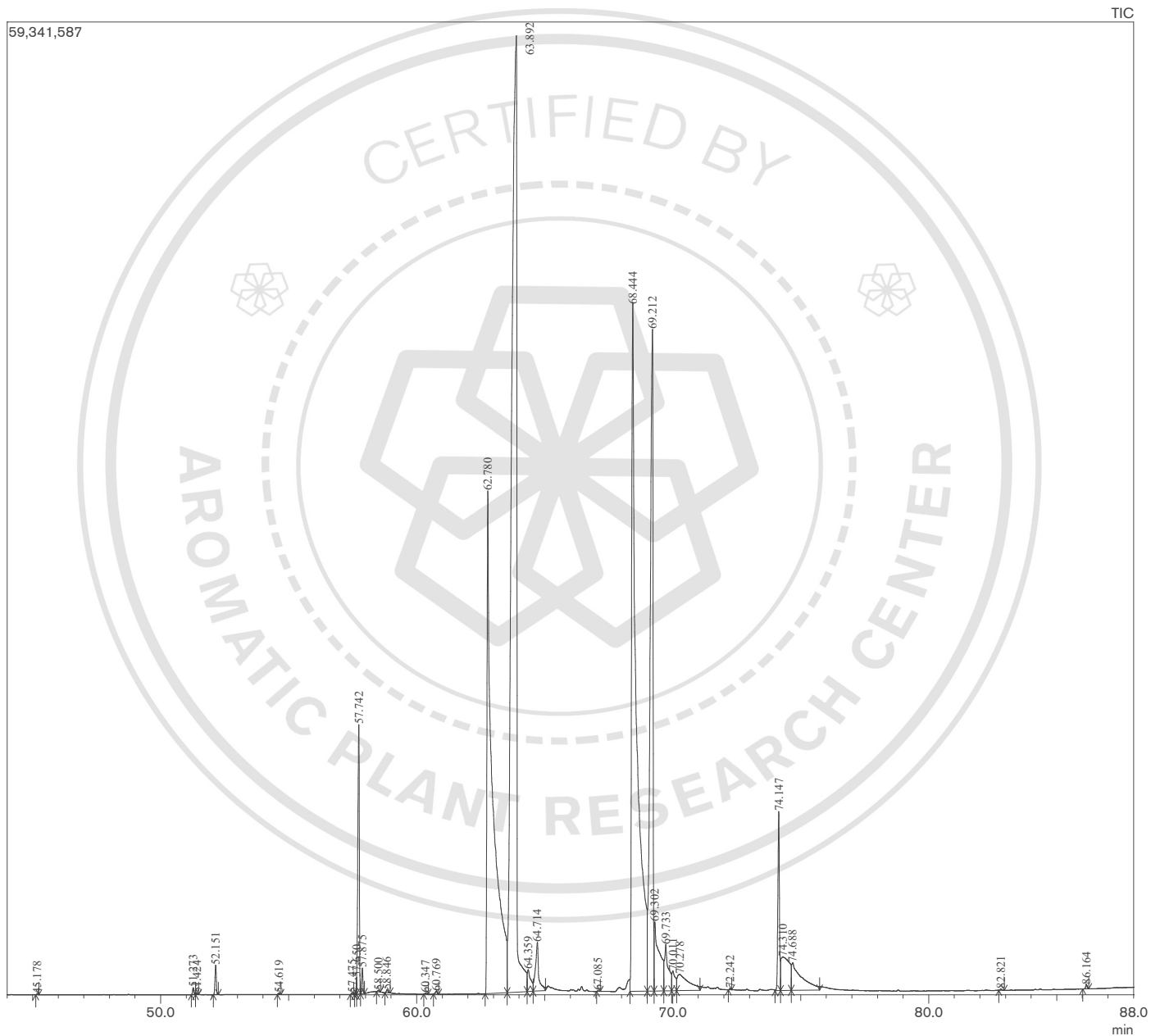
Issued Date : 10/3/2025

GCMS Analysis

Sample Information

Analyzed by : Dr. Prabodh Satyal
Analyzed : 10/3/2025 9:24:58 PM
Sample Type : Oil
Sample Name : Jojoba
Client Name : Plant Therapy
Client Lot# : J30129R
APRC Lot# : PT251001C
Injection Volume : 0.30

Chromatogram



Peak Report

Peak#	R.Time	Name	Area%
1	45.178	Myristic acid	0.01
2	51.273	cis-7-Hexadecenoic acid	0.06
3	51.424	Palmitoleic acid	0.01
4	52.151	Palmitic acid	0.25
5	54.619	cis-10-Heptadecenoic acid	0.01
6	57.475	Linoleic acid	0.02
7	57.650	Linolenic acid	0.04
8	57.742	cis-Oleic acid	2.66
9	57.875	trans-Oleic acid	0.20
10	58.500	Stearic acid	0.01
11	58.846	Oleic Acid	0.03
12	60.347	9-trans,11-trans-Conjugated linoleic acid, ethyl ester	0.01
13	60.769	trans-10-Nonadecenoic acid	0.03
14	62.780	cis-Eicos-9-en-1-ol	18.55
15	63.892	cis-11-Eicosenoic acid	31.92
16	64.359	Arachidic acid	0.48
17	64.714	trans-11-Eicosenoic acid	1.03
18	67.085	Heneicosanoic acid	0.01
19	68.444	cis-Docos-13-en-1-ol	22.00
20	69.212	Erucic acid	12.06
21	69.302	Unidentified	2.29
22	69.733	Behenic acid	1.19
23	70.011	Unidentified	0.42
24	70.278	Unidentified	1.21
25	72.242	Tricosanoic acid	0.01
26	74.147	cis-15-Tetracosenoic acid	1.78
27	74.310	Unidentified	1.83
28	74.688	Lignoceric acid	1.83
29	82.821	beta-Sitosterol acetate	0.01
30	86.164	3-beta-methoxy-Stigmast-5-ene	0.04
			100.00