

Laboratory Test Report

SAMPLE NAME : Golden Jojoba
CLIENT NAME : Plant Therapy
CLIENT LOT # : J70119R
APRC LOT# : PT231214A

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

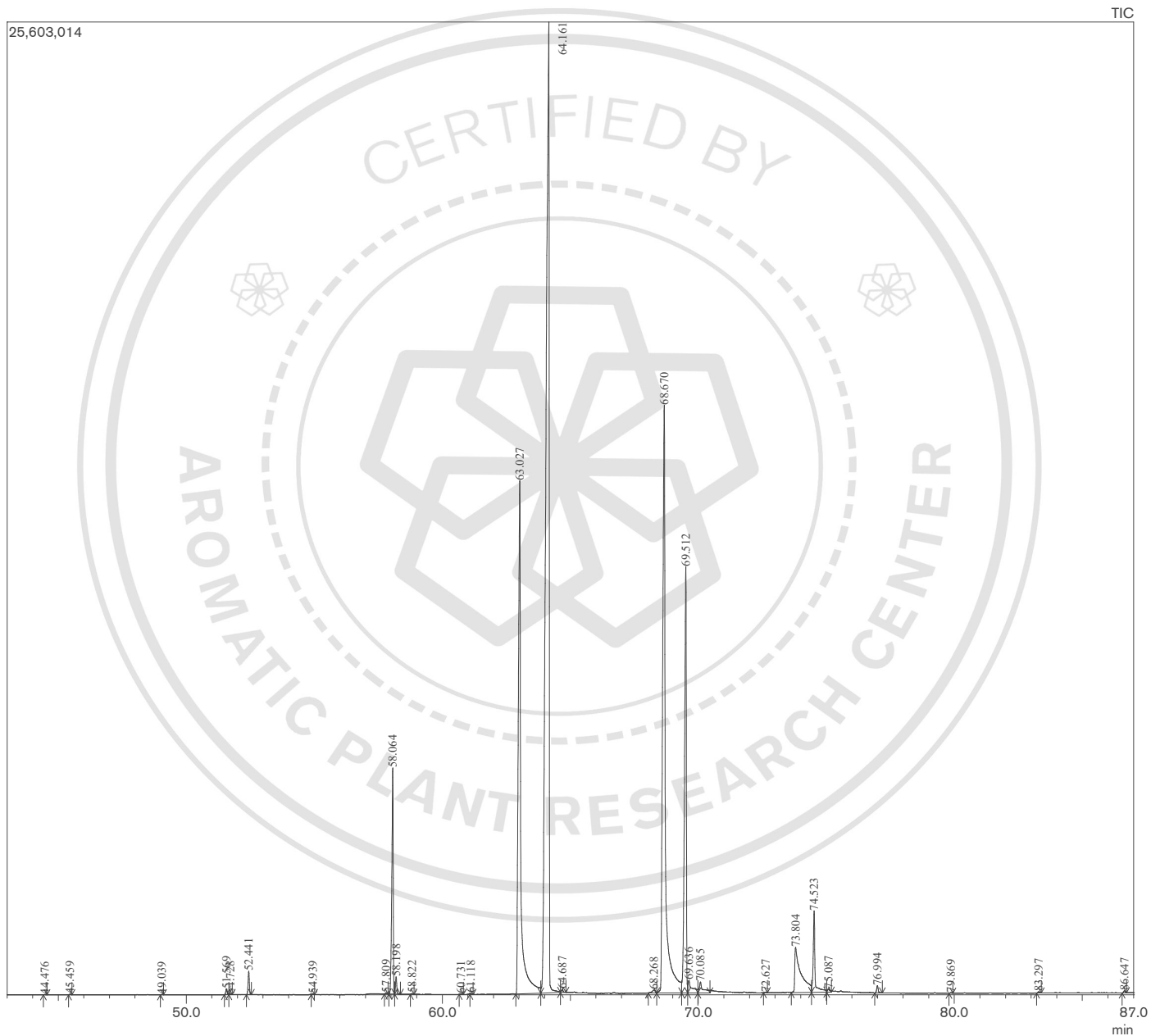
Issued Date : 12/19/2023

GCMS Analysis

Sample Information

Analyzed by : Dr. Prabodh Satyal
Analyzed : 12/19/2023 11:56:03 PM
Sample Type : Oil
Sample Name : Golden Jojoba
Client Name : Plant Therapy
Client Lot# : J70119R
APRC Lot# : PT231214A
Injection Volume : 0.30

Chromatogram



Peak Report

Peak#	R.Time	Name	Area%
1	44.476	Myristoleic acid	0.00
2	45.459	Myristic acid	0.01
3	49.039	Pentadecanoic acid	0.00
4	51.569	cis-7-Hexadecenoic acid	0.09
5	51.728	Palmitoleic acid	0.01
6	52.441	Palmitic acid	0.36
7	54.939	cis-10-Heptadecenoic acid	0.02
8	57.809	Linoleic acid	0.02
9	58.064	cis-Oleic acid	3.97
10	58.198	trans-Oleic acid	0.27
11	58.822	Stearic acid	0.01
12	60.731	Ethyl linoleic acid	0.01
13	61.118	trans-10-Nonadecenoic acid	0.02
14	63.027	cis-Eicos-9-en-1-ol	16.77
15	64.161	cis-11-Eicosenoic acid	40.52
16	64.687	Arachidic acid	0.06
17	68.268	Unidentified	0.13
18	68.670	cis-Docos-13-en-1-ol	21.09
19	69.512	Erucic acid	9.65
20	69.636	Unidentified	0.62
21	70.085	Behenic acid	0.55
22	72.627	Tricosanoic acid	0.01
23	73.804	cis-Tricos-14-enyl formate	3.50
24	74.523	cis-15-Tetracosenoic acid	1.97
25	75.087	Lignoceric acid	0.11
26	76.994	trans-Squalene	0.14
27	79.869	Tricaprylin Triglyceride	0.01
28	83.297	beta-Sitosterol acetate	0.02
29	86.647	3-beta-methoxy-Stigmast-5-ene	0.04
			100.00

