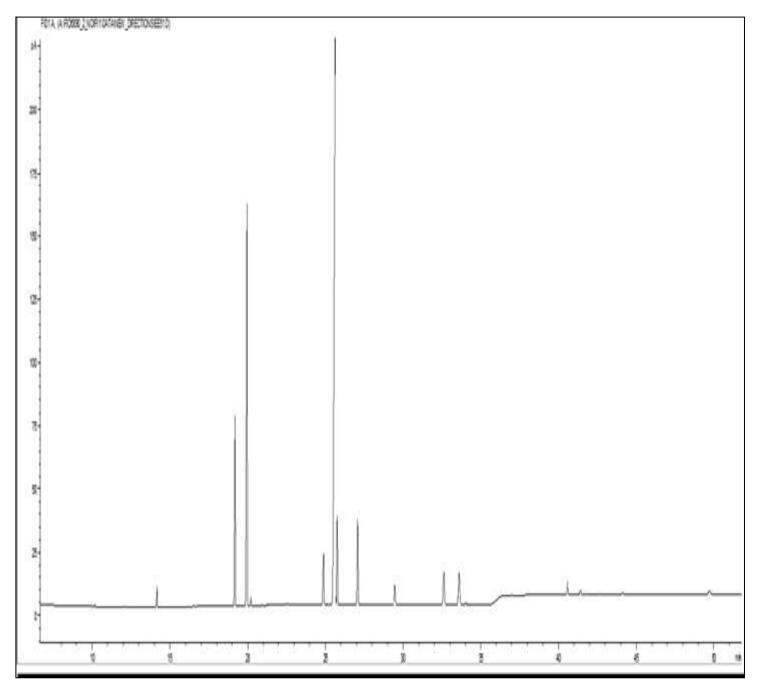


FATTY ACID COMPOSITION BY GC-FID

PRODUCT NAME: MARULA CARRIER OIL - COSMETIC GRADE - REFINED - 15123

DATE: August 30, 2021



Due to volume turnover, this report is not lot specific, It is representative of the quality of this oil produced by the manufacturer of this product, Specific lots may vary slightly as is the case in natural products,



FATTY ACID COMPOSITION BY GC-FID

PRODUCT NAME: MARULA CARRIER OIL - COSMETIC GRADE - REFINED - 15123

Peak	RT (min)	Compound name	%
1	13,66	MYRISTIC ACID C14	0,08
2	15,99	PENTADECANOIC ACID C15	0,01
3	18,57	PALMITIC ACID C16	9,99
4	19,04	PALMITOLEIC ACID ISOMER	0,04
5	19,24	Z-PALMITOLEIC ACID C16 : 1 v7	0,18
6	21,24	MARGARIC ACID C17:0	0,10
7	21,88	METHYL HEPTADECANOIC ACID ISOMER	0,06
8	21,99	8-HEPTADECENOIC ACID C17 : 1	0,03
9	24,14	STEARIC ACID C18:0	5,63
10	24,86	cis-OLEIC ACID C18: 1 v9	66,90
11	24,97	VACCENIC ACID C18 : 1v11	1,61
12	26,20	cis-LINOLEIC ACID C18 : 2v6	10,23
13	28,03	OCTADECATRIENOIC ACID ISOMER	0,04
14	28,18	OCTADECATRIENOIC ACID ISOMER	0,07
15	28,44	LINOLENIC ACID C18: 3v3	2,93
16	28,94	OCTADECATRIENOIC ACID ISOMER	0,05
17	31,40	ARACHIDIC ACID C20 : 0	0,69
18	32,12	METHYL EICOSANOIC ACID ISOMER	0,03
19	32,32	GADOLEIC ACID C20 : 1 v9	0,64
20	39,56	BEHENIC ACID C22 : 0	0,26
21	41,48	AROMATIC COMPOUND	0,07
22	47,13	CYCLOCARBOXYLIC ACID	0,09
23	48,19	LIGNOCERIC ACID C24:0	0,21
24	49,36	CYCLOCARBOXYLIC ACID	0,06
		TOTAL	100,00

GC-FID: Gas Chromatography - Flame Ionization Detector

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