



ARBRO™

PHARMACEUTICALS PRIVATE LIMITED
(ANALYTICAL DIVISION)

ISO 9001 : 2015 Certified

Govt. Approved Test House

Report No. : 201906180119



CERTIFICATE OF ANALYSIS

Sample : YELLOW MUSTARD OIL
Mfg. By : NS
Supplied By : SANESA NATURAL FARM LLP
Submitted By : SANESA NATURAL FARM LLP
Address : H-113, Sushant Shopping Arcade, Adjacent Andhra Bank, Sushant Lok Phase 1, Gurgaon, HARYANA- 122002
Recd. On : 18/06/2019
Mfg lic. No. : NS
Ref. No. : NS, DATE : 12/06/2019

Batch No	Mfg. Date	Expiry Date	Batch Size	Sample Quantity
NS	NS	NS	NS	450 ml

Date of start of analysis 22/06/2019

Date of completion of analysis 24/06/2019

Sample not drawn by laboratory.

Description :- Yellow colour oily liquid

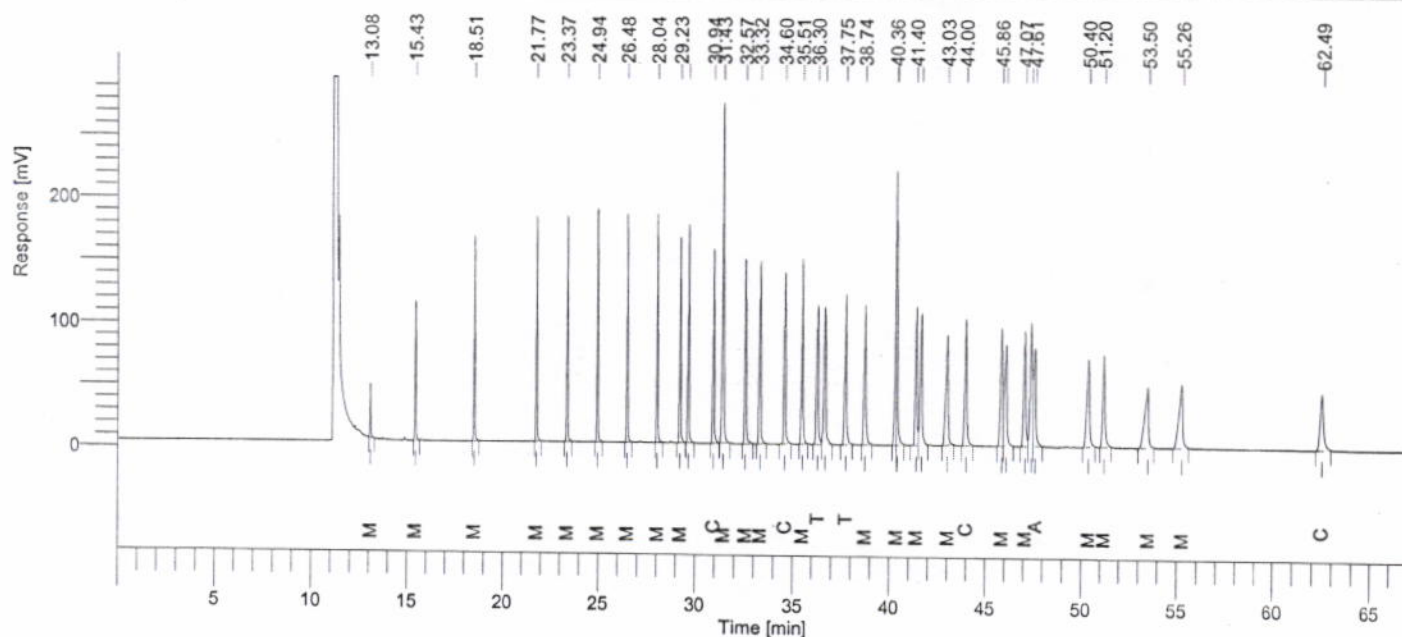
<Parameters>	<Results>	<Unit>	<Req.>	<Claim>	<LLOQ>	<Lower limit>	<Upper limit>	<Method>
Trans Fatty acid	:- Below detection limit	% w/w			0.10 % w/w	-	-	AOAC 996.06
Saturated Fatty Acid	:- 4.74	% w/w			0.10 % w/w	-	-	AOAC 996.06
Polyunsaturated fatty acids	:- 17.62	% w/w			0.10 % w/w	-	-	AOAC 996.06
Monounsaturated fatty acids	:- 76.87	% w/w			0.10 % w/w	-	-	AOAC 996.06
Polyunsaturated fatty acids (with omega 3 & omega 6 component)	:- 17.67	% w/w			0.10 % w/w	-	-	AOAC 996.06
Omega 3	:- 3.89	% w/w			0.10 % w/w	-	-	AOAC 996.06
Omega 6	:- 13.73	% w/w			0.10 % w/w	-	-	AOAC 996.06

Report : PARTY ASKED FOR THE ABOVE TESTS ONLY

Software Version : 6.3.2.0646
 Sample Name : Ref Standard sol.
 Instrument Name : APL/INS/493
 Rack/Vial : 0/2
 Sample Amount : 1.000000
 Cycle : 2

Date : 24-06-2019 10:36:27:AM
 Data Acquisition Time : 22-06-2019 09:51:35:PM
 Channel : B
 Operator : vinod
 Dilution Factor : 1.000000

Result File : G:\GC FID\Data\Year 2019\June 2019\FAME\22-06-19-01002.rst
 Sequence File : G:\GC FID\Sequence\Year 2019\June 2019\Fame\05.seq



ARBRO PHARMACEUTICALS PVT LTD

Peak #	Component Name	Time [min]	Area [uV*sec]	Area [%]
1	Methyl butyrate	13.08	152438	0.60
2	Methyl hexanoate	15.43	394567	1.56
3	Methyl octanoate	18.51	547676	2.17
4	Methyl decanoate	21.77	591025	2.34
5	Methyl Undecanoate	23.37	610919	2.42
6	Methyl laurate	24.94	636886	2.53
7	Methyl tridecanoate	26.48	652210	2.59
8	Methyl tetradecanoat	28.04	681824	2.70
9	Myristoleic acid met	29.23	660493	2.62
10	MethylPentadecanoate	29.65	709787	2.82
11	Cis-10Pentadecanoic	30.94	690889	2.74
12	Methyl palmitate	31.43	1475362	5.85
13	Methyl palmitoleate	32.57	727296	2.88
14	Methyl heptadecanoat	33.32	745681	2.96
15	Cis -10 Heptadecanoi	34.60	737201	2.92
16	Methyl stearate	35.51	771931	3.06
17	Trans Elaidic acid	36.30	728097	2.89
18	Cis 9-Oleic acid met	36.68	785386	3.11
19	Trans Methyl Linoela	37.75	734807	2.91
20	Methyl linoleate	38.74	742297	2.94
21	Methyl arachidate	40.36	855291	3.39
22	Gamma-Linolenic acid	40.41	638818	2.53
23	Methyl cis-11-Eicosa	41.40	673375	2.67
24	Methyl linolenate	41.67	807828	3.20
25	Methyl Heneicosanoat	43.03	769659	3.05
26	Cis -11,14Eicosadien	44.00	745490	2.96
27	Methyl Behenate	45.86	715955	2.84
28	Methyl Erucate	46.10	778073	3.09
29	Methyl 11-14-17-Eico	47.07	685547	2.72
30	Methyl Homogamma lin	47.41	800950	3.18
31	Arachidonic Methyl e	47.61	688653	2.73
32	Methyl docosadienoat	50.40	720270	2.86

24-06-2019 10:36:27:AM Result: G:\GC FID\Data\Year 2019\June 2019\FAME\22-06-19-01002.rst

Peak #	Component Name	Time [min]	Area [uV*sec]	Area [%]
33	Methyl Lignocerate	51.20	632572	2.51
34	Methyl Eicosapentaen	53.50	681260	2.70
35	Methyl nervonate	55.26	698997	2.77
36	Cis 4,7,10,13,16,19-	62.49	544929	2.16
			25214437	100.00

Missing Component Report
Component Expected Retention (Calibration File)

All components were found

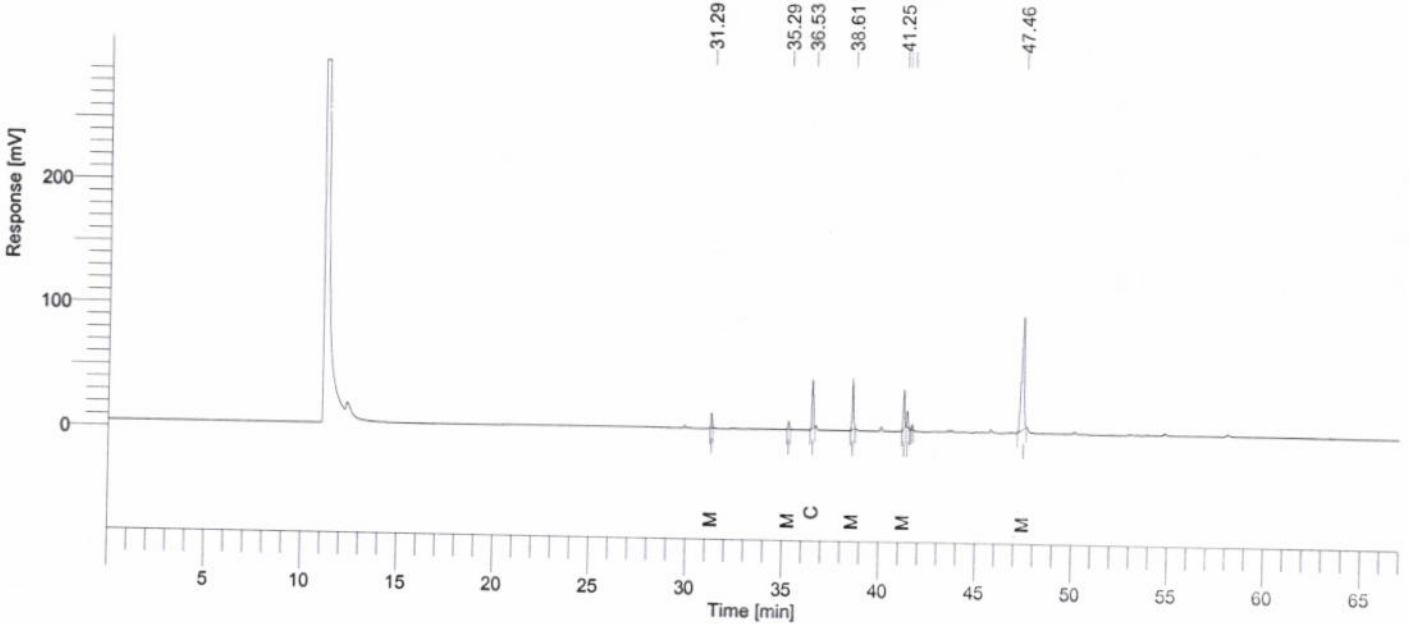
Analysed by hal240619

Checked by hal240619

Software Version : 6.3.2.0646
 Sample Name : R.NO-201906180119
 Instrument Name : APL/INS/493
 Rack/Vial : 0/12
 Sample Amount : 1.000000
 Cycle : 12

Date : 24-06-2019 11:12:33:AM
 Data Acquisition Time : 23-06-2019 09:51:40:AM
 Channel : B
 Operator : vinod
 Dilution Factor : 1.000000

Result File : G:\GC FID\Data\Year 2019\June 2019\FAME\22-06-19-01012.rst
 Sequence File : G:\GC FID\Sequence\Year 2019\June 2019\Fame\05.seq



ARBRO PHARMACEUTICALS PVT LTD

Peak #	Component Name	Time [min]	Area [uV*sec]	Area [%]
1	Methyl palmitate	31.29	46858	2.93
2	Methyl stearate	35.29	28941	1.81
3	Cis 9-Oleic acid met	36.53	200468	12.54
4	Methyl linoleate	38.61	219542	13.73
5	Methyl cis-11-Eicosa	41.25	151362	9.47
6	Methyl linolenate	41.43	62163	3.89
7		41.68	12542	0.78
8	Methyl Erucate	47.46	877266	54.86

1599143 100.00

Missing Component Report
 Component

Expected Retention (Calibration File)

Trans Elaidic acid	0.001
Methyl Homogamma linoleatenate	0.001
Methyl butyrate	13.134
Methyl hexanoate	15.515
Methyl octanoate	18.569
Methyl decanoate	21.783
Methyl Undecanoate	23.353
Methyl laurate	24.895
Methyl tridecanoate	26.405
Methyl tetradecanoate	27.923
Myristoleic acid methylester	28.865
MethylPentadecanoate	29.508
Cis-10Pentadecanoic acid	30.487
Methyl palmitoleate	32.253
Methyl heptadecanoate	33.127
Cis -10 Heptadecanoic acid	34.198
Trans Methyl Linoelaidate	37.877
Methyl arachidate	40.363
Gamma-Linolenic acid	40.565

Missing Component Report
Component

Expected Retention (Calibration File)

Methyl Heneicosanoate	43.239
Cis -11,14Eicosadienoic Acid Methyl este	44.183
Methyl Behenate	45.859
Methyl 11-14-17-Eicosatrienoate	47.278
Arachidonic Methyl ester	47.852
Methyl docosadienoate	50.674
Methyl Lignocerate	51.442
Methyl Eicosapentaenoate	53.881
Methyl nervonate	55.654
Cis 4,7,10,13,16,19-Docosahexaenoic acid	62.031

Analysed by

hel 24-06-19

Checked by

*24
24-06-19*