ARBRO™

PHARMACEUTICALS PRIVATE LIMITED
(ANALYTICAL DIVISION)
ISO 9001 : 2015 Certified
Govt. Approved Test House

Report No. : 201906180118

TC-7375

CERTIFICATE OF ANALYSIS

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

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 :- Yellowish brown 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	:- 7.36	% w/w			0.10 % w/w	-	-	AOAC 996.06
Polyunsaturated fatty acids	:- 23.7	% w/w			0.10 % w/w	-	-	AOAC 996.06
Monounsaturated fatty acids	:- 67.96	% w/w			0.10 % w/w	-	-	AOAC 996.06
Polyunsaturated fatty acids(with omega 3 & omega 6 component)	:- 22.68	% w/w			0.10 % w/w	-	-	AOAC 996.06
Omega 3	:- 3.67	% w/w			0.10 % w/w	-	-	AOAC 996.06
Omega 6	:- 19.01	% w/w			0.10 % w/w	-	-	AOAC 996.06

Report : PARTY ASKED FOR THE ABOVE TESTS ONLY

Date :- Monday,Jun 24, 2019

Authorized Signatory

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*Terms & Conditions Overleaf

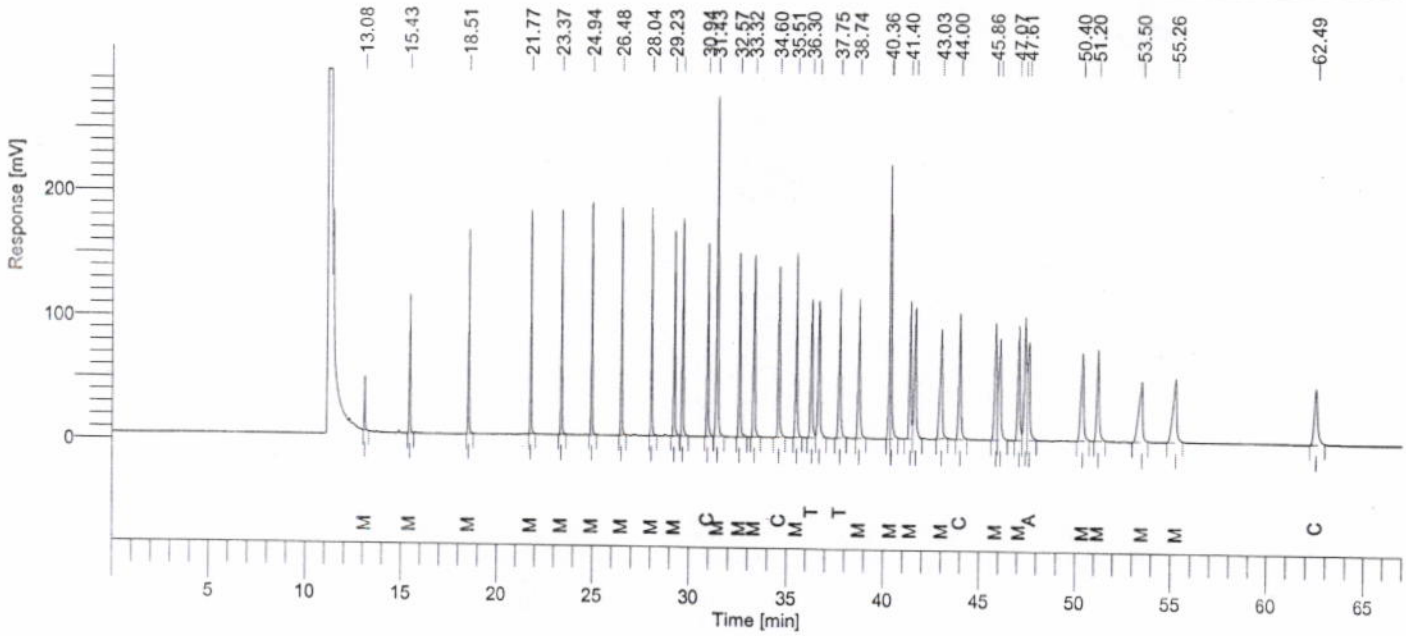
ULR TC737519100017627F

PADAM GARG
Assistant Manager

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)

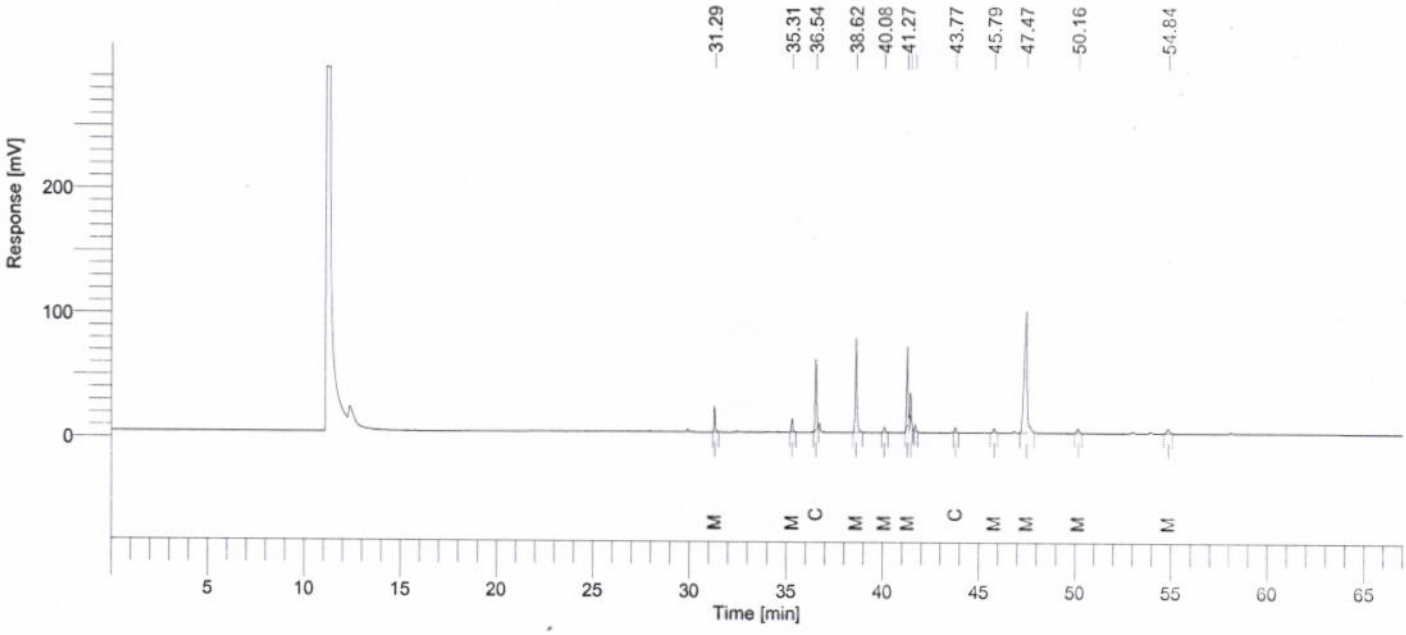
All components were found

Analysed by hal 24-06-19

Checked by 24-06-19

Software Version	: 6.3.2.0646	Date	: 24-06-2019 11:11:18:AM
Sample Name	: R.NO-201906180118	Data Acquisition Time	: 23-06-2019 08:39:39:AM
Instrument Name	: APL/INS/493	Channel	: B
Rack/Vial	: 0/11	Operator	: vinod
Sample Amount	: 1.000000	Dilution Factor	: 1.000000
Cycle	: 11		

Result File : G:\GC FID\Data\Year 2019\June 2019\FAME\22-06-19-01011.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	85232	3.40	
2	Methyl stearate	35.31	50034	1.99	
3	Cis 9-Oleic acid met	36.54	303110	12.07	
4	Methyl linoleate	38.62	446396	17.78	-06
5	Methyl arachidate	40.08	26029	1.04	
6	Methyl cis-11-Eicosa	41.27	310818	12.38	
7	Methyl linolenate	41.44	92013	3.67	-03
8		41.69	24396	0.97	
9	Cis -11,14Eicosadien	43.77	25642	1.02	
10	Methyl Behenate	45.79	23421	0.93	
11	Methyl Erucate	47.47	1056939	42.10	
12	Methyl docosadienoat	50.16	30912	1.23	-06
13	Methyl nervonate	54.84	35491	1.41	
			2510432	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

24-06-2019 11:11:18:AM Result: G:\GC FID\Data\Year 2019\June 2019\FAME\22-06-19-01011.rst

Missing Component Report

Component	Expected Retention (Calibration File)
Methyl heptadecanoate	33.127
Cis -10 Heptadecanoic acid	34.198
Trans Methyl Linoelaidate	37.877
Gamma-Linolenic acid	40.565
Methyl Heneicosanoate	43.239
Methyl 11-14-17-Eicosatrienoate	47.278
Arachidonic Methyl ester	47.852
Methyl Lignocerate	51.442
Methyl Eicosapentaenoate	53.881
Cis 4,7,10,13,16,19-Docosahexaenoic acid	62.031

Analysed by 24-06-19

Checked by 24-0619