

TEST REPORT

Sample	Common Name : LEMONGRASS ESSENTIAL OIL	Report No. : DF2022042122			
	Generic Name : NS	Report Dated : 11/05/2022			
Batch/Lot No.	Pack Size	Mfg. Date	Exp. Date	Batch Size	Sample Quantity
AALGE2	10 ml	01-2022	12-2023	NS	1 X 10 ml
Condition (If provided)	: NS	Sample reference	: NS		
Sample Manufactured By	: NS	Mfg. License No. of Customer	: NS		
Sample Supplied By	: NS				
Sample Submitted By (Name & Address of Customer)	: Ayurmeans, A-201, Miranda Apartments, Dadar West, Mumbai, Maharashtra- 400028				
Sample received on	: 19/04/2022	Analysis started on	: 01/05/2022	Analysis completed on	: 11/05/2022
Reference to Protocol	: GCMS Scanning data.				

Peak	Name	RT	Area %
1	Furan, 2-ethyl-	7.215	0.06
2	3-Carene	9.551	0.43
3	Bicyclo[3.1.0]hex-2-ene, 2-methyl-5-(1-methylethyl)-	10.32	0.80
4	Spiro[2.4]heptane, 1,5-dimethyl-6-methylene-	12.978	3.06
5	Ethylbenzene	16.839	0.32
6	o-Xylene	17.301	0.06
7	p-Xylene	17.693	0.15
8	Bicyclo[3.1.1]heptane, 6,6-dimethyl-2-methylene-, (1S)-	18.656	0.16
9	2,3-Dehydro-1,8-cineole	20.315	0.28
10	D-Limonene	20.839	0.59
11	Bicyclo[3.1.0]hexane, 4-methylene-1-(1-methylethyl)-	21.413	0.14
12	trans-.beta.-Ocimene	22.748	0.77
13	trans-.beta.-Ocimene	23.707	0.46
14	.gamma.-Terpinene	25.575	0.13
15	Cyclooctyl alcohol	25.858	0.05
16	4-Nonanone	27.69	1.17
17	5-Hepten-2-one, 6-methyl-	28.392	0.98
18	2-Pentanone, 4-hydroxy-4-methyl-	29.951	0.08
19	4-Hexen-1-ol, (E)-	30.658	0.07
20	3-Methyl-2-(2-methyl-2-butenyl)-furan	31.487	0.15
21	Furan, 3-(4-methyl-3-pentenyl)-	32.397	0.13
22	Spiro[bicyclo[3.1.1]heptane-2,2'-oxirane], 6,6-dimethyl-	32.769	0.09
23	.alpha.-Methyl-.alpha.-[4-methyl-3-pentenyl]oxiranemethanol	33.45	0.03

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CIN-U24230DL 1986PLC023539

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24	(1R,2S,6S,7S,8S)-8-Isopropyl-1-methyl-3-methylenetricyclo[4.4.0.02,7]decane-rel-	34.112 0.05
25	2,6-Nonadienal, 3,7-dimethyl-	34.764 0.07
26	Citronellal	35.175 0.18
27	1,2,4-Methano-1H-indene, octahydro-1,7a-dimethyl-5-(1-methylethyl)-, [1S-(1.alpha.,2.alpha.,3a.beta.,4.alpha.,5.alpha.,7a.beta.,8S*)]-	35.482 0.37
28	Cyclodecene, 1,2-dimethyl-, (Z)-	35.646 0.07
29	1-Octadecyne	35.996 0.12
30	2,2-Dimethylocta-3,4-dienal	36.744 0.36
31	1,2-15,16-Diepoxyhexadecane	37.358 0.07
32	1,4-Methano-1H-indene, octahydro-4-methyl-8-methylene-7-(1-methylethyl)-, [1S-(1.alpha.,3a.beta.,4.alpha.,7.alpha.,7a.beta.)]-	37.537 0.04
33	Linalyl acetate	37.875 1.72
34	Isoneral	38.19 0.53
35	Isoneral	39.365 0.06
36	Tricyclo[4.4.0.0(2,7)]decane, 1-methyl-3-methylene-8-(1-methylethyl)-, stereoisomer	39.569 0.15
37	Cyclohexane, 1-ethenyl-1-methyl-2,4-bis(1-methylethenyl)-, [1S-(1.alpha.,2.beta.,4.beta.)]-	40.062 0.35
38	trans-Verbenol	40.352 0.08
39	Bicyclo[5.2.0]nonane, 2-methylene-4,8,8-trimethyl-4-vinyl-	40.63 3.62
40	.gamma.-Muurolene	42.054 0.10
41	Bicyclo[3.1.1]hept-3-en-2-ol, 4,6,6-trimethyl-, [1S-(1.alpha.,2.beta.,5.alpha.)]-	43.669 0.22
42	Bicyclo[3.1.1]hept-3-en-2-ol, 4,6,6-trimethyl-, [1S-(1.alpha.,2.beta.,5.alpha.)]-	43.999 15.61
43	trans-Verbenol	44.298 0.20
44	Bicyclo[3.1.1]hept-3-en-2-ol, 4,6,6-trimethyl-, [1S-(1.alpha.,2.beta.,5.alpha.)]-	44.454 0.26
45	endo-Borneol	44.821 0.43
46	(1R,2S,6S,7S,8S)-8-Isopropyl-1-methyl-3-methylenetricyclo[4.4.0.02,7]decane-rel-	45.209 0.61
47	Citral	45.968 31.98
48	2,6-Octadien-1-ol, 3,7-dimethyl-, acetate, (Z)-	46.486 8.84
49	1,6,10,14-Hexadecatetraen-3-ol, 3,7,11,15-tetramethyl-, (E,E)-	46.766 0.27
50	Naphthalene, 1,2,4a,5,8,8a-hexahydro-4,7-dimethyl-1-(1-methylethyl)-, [1S-(1.alpha.,4a.beta.,8a.alpha.)]-	46.926 0.79
51	Naphthalene, 1,2,3,4,4a,5,6,8a-octahydro-7-methyl-4-methylene-1-(1-methylethyl)-, (1.alpha.,4a.beta.,8a.alpha.)-	47.136 2.31
52	Ylangene	47.989 0.06
53	2,6-Octadien-1-ol, 3,7-dimethyl-, (Z)-	48.238 1.16
54	Humulenol-II	48.637 0.07

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55	2,6-Octadien-1-ol, 3,7-dimethyl-, (Z)-	49.883 8.87
56	Propanoic acid, 2-methyl-, 3,7-dimethyl-2,6-octadienyl ester, (Z)-	51.486 0.19
57	(3R,3aR,3bR,4S,7R,7aR)-4-Isopropyl-3,7-dimethyloctahydro-1H-cyclopenta[1,3]cyclopropa[1,2]benzen-3-ol	51.688 0.21
58	3H-Cyclodeca[b]furan-2-one, 4,9-dihydroxy-6-methyl-3,10-dimethylene-3a,4,7,8,9,10,11,11a-octahydro-	52.06 0.04
59	(3S,3aR,3bR,4S,7R,7aR)-4-Isopropyl-3,7-dimethyloctahydro-1H-cyclopenta[1,3]cyclopropa[1,2]benzen-3-ol	53.529 0.42
60	(11.xi.)-4,7-Dihydroxy-12,13-epoxytrichothec-9-en-8-one, diacetate	54.612 0.04
61	2-[4-methyl-6-(2,6,6-trimethylcyclohex-1-enyl)hexa-1,3,5-trienyl]cyclohex-1-en-1-carboxaldehyde	55.218 0.04
62	Caryophyllene oxide	55.592 0.64
63	Phomenone	56.752 0.04
64	4,7-Octadecadiynoic acid, methyl ester	57.526 0.05
65	4a(2H)-Naphthalenol, 1,3,4,5,6,8a-hexahydro-4,7-dimethyl-1-(1-methylethyl)-, (1S,4R,4aS,8aR)-	57.869 0.13
66	Brefeldin A	58.112 0.10
67	Cyclohexanemethanol, 4-ethenyl-.alpha.,.alpha.,4-trimethyl-3-(1-methylethenyl)-, [1R-(1.alpha.,3.alpha.,4.beta.)]-	58.313 0.22
68	Azuleno[6,5-b]furan-2,5-dione, decahydro-4a,8-dimethyl-3-methylene-, [3aR-(3a.alpha.,4a.beta.,7a.alpha.,8.beta.,9a.alpha.)]-	61.313 0.05
69	Unknown	62.3 0.06
70	6-Methyl-11-propenyl-5-(toluene-4-sulfonyloxy)-12,13-dioxatricyclo[7.3.1.0(1,6)]tridecane-8-carboxylic acid, methyl ester	64.199 0.04
71	Bis(2-ethylhexyl) phthalate	86.339 7.35
72	Unknown	87.251 0.15
		Total 99.55 %

Remarks : Party asked for above test only.

Abbreviations : NS : Not Specified, GCMS : Gas Chromatography Mass Spectroscopy & RT: Retention time.

-----End of Report-----

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