



Report ID: /2022

Hanoi, March 19, 2022

PHIẾU KẾT QUẢ THỬ NGHIỆM REPORT OF ANALYSIS

Người gửi (Customer): Mr. Nguyen Viet Dung

Company name : KEPHAS.,JSC

Sample name: Citronella Essential Oil

Sample code: K32

Number of samples : 01

Date of Sample received: 12/03/2022

Date of Report: 19/03/2022

TEST RESULTS

No1	RT	CAS#	Compound Name	Area %
1	9.893	5989-27-5	D-Limonene	4.610
2	12.301	78-70-6	Linalool	1.276
3	13.976	29141-10-4	(1R,2R,5S)-5-Methyl-2-(prop-1-en-2-yl)cyclohexanol	0.424
4	14.489	2385-77-5	6-Octenal, 3,7-dimethyl-, (R)-	27.955
5	14.594	29141-10-4	(1R,2R,5S)-5-Methyl-2-(prop-1-en-2-yl)cyclohexanol	0.456
6	16.907	106-22-9	Citronellol	10.568
7	17.138	106-26-3	Neral	0.462
8	17.944	106-24-1	Geraniol	18.635
9	18.216	141-27-5	2,6-Octadienal, 3,7-dimethyl-, (E)-	0.632
10	20.582	92471-23-3	(1S,2R,5R)-2-(2-Hydroxypropan-2-yl)-5-methylcyclohexanol	0.391
11	20.917	150-84-5	6-Octen-1-ol, 3,7-dimethyl-, acetate	4.236
12	20.980	97-53-0	Eugenol	0.729
13	21.870	105-87-3	Geranyl acetate	5.067
14	21.954	5208-59-3	(-)-.beta.-Bourbonene	0.283
15	22.205	515-13-9	Cyclohexane, 1-ethenyl-1-methyl-2,4-bis(1-methylethenyl)-, [1S-(1.alpha.,2.beta.,4.beta.)]-	3.214
16	23.095	87-44-5	Caryophyllene	0.258
17	24.205	6753-98-6	Humulene	0.245
18	24.833	30021-74-0	.gamma.-Muurolene	0.491
19	25.074	18252-44-3	(1R,2S,6S,7S,8S)-8-Isopropyl-1-methyl-3-methylenetricyclo[4.4.0.0 ^{2,7}]decane-rel-	3.533
20	25.325	267665-20-3	(1S,4S,4aS)-1-Isopropyl-4,7-dimethyl-1,2,3,4,4a,5-hexahydronaphthalene	0.230

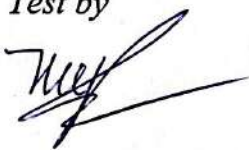
1. The results are valid only for samples there sent by the customer.

2. The whole or part of these results are not allowed to be copied without the acceptance of Petrochemical & catalysis adsorption Material Center.

3. Name of samples & customer are written as the customer's requirements

21	25.451	38230-60-3	(3R,3aR,3bR,4S,7R,7aR)-4-Isopropyl-3,7-dimethyloctahydro-1H-cyclopenta[1,3]cyclopropa[1,2]benzen-3-ol	0.240
22	25.556	10208-80-7	.alpha.-Muurolene	0.970
23	25.817	515-13-9	Cyclohexane, 1-ethenyl-1-methyl-2,4-bis(1-methylethenyl)-, [1S-(1.alpha.,2.beta.,4.beta.)]-	0.432
24	25.985	39029-41-9	Naphthalene, 1,2,3,4,4a,5,6,8a-octahydro-7-methyl-4-methylene-1-(1-methylethyl)-, (1.alpha.,4a.beta.,8a.alpha.)-	0.986
25	26.194	483-76-1	Naphthalene, 1,2,3,5,6,8a-hexahydro-4,7-dimethyl-1-(1-methylethyl)-, (1S-cis)-	3.272
26	26.665	24406-05-1	Naphthalene, 1,2,4a,5,6,8a-hexahydro-4,7-dimethyl-1-(1-methylethyl)-, [1S-(1.alpha.,4a.beta.,8a.alpha.)]-	0.239
27	27.116	639-99-6	Cyclohexanemethanol, 4-ethenyl-.alpha.,.alpha.,4-trimethyl-3-(1-methylethenyl)-, [1R-(1.alpha.,3.alpha.,4.beta.)]-	4.606
28	27.859	198991-79-6	(2E,4S,7E)-4-Isopropyl-1,7-dimethylcyclodeca-2,7-dienol	0.831
29	28.916	4602-84-0	2,6,10-Dodecatrien-1-ol, 3,7,11-trimethyl-	0.345
30	29.440	1209-71-8	2-Naphthalenemethanol, 1,2,3,4,4a,5,6,7-octahydro-.alpha.,.alpha.,4a,8-tetramethyl-, (2R-cis)-	0.764
31	29.723	1474790	.tau.-Cadinol	0.657
32	29.785	481-34-5	.alpha.-Cadinol	0.555
33	29.848	54274-73-6	(+)-epi-Bicyclosesquiphellandrene	0.221
34	30.131	481-34-5	.alpha.-Cadinol	2.185

Test by



Hoàng Hữu Hiệp

Director of Center

