

Palmarosa  
 Lot# NEX24-XX  
 Country: Nepal



## GC/MS Report Components

Ret. Time	Component	Ret. Idx.	Conc. %	
2.941	Ethanol	625	0.03%	
3.577	2-Methyl 3-Buten-2-ol	655	0.01%	
3.993	3-Methylbutanal	674	0.01%	
4.106	Unidentified	679	0.01%	
5.092	3-Methylbutanol	725	0.05%	
9.324	Isoamyl acetate	868	0.02%	
9.905	2-Heptanone	883	0.01%	
14.877	6-Methyl hept-5-en-2-one	979	0.06%	
15.174	Myrcene	984	0.2%	
16.135	cis-Dehydrolinalool oxide	1002	0.01%	
17.652	Limonene	1025	0.11%	IFRA
17.831	1,8-Cineole	1028	0.03%	
18.054	cis-beta-Ocimene	1031	0.36%	
18.732	trans-beta-Ocimene	1041	1.71%	
20.305	1-Octanol	1066	0.04%	
22.253	Linalool	1095	2.88%	IFRA
24.177	allo-Ocimene	1124	0.02%	
28.783	alpha-Terpineol	1190	0.02%	
29.316	Unidentified	1198	0.01%	
30.395	Coumarin	1214	0.01%	IFRA
30.768	Nerol	1219	0.12%	
31.702	Neral	1233	0.18%	IFRA
32.778	Geraniol	1249	74.62%	IFRA
33.749	Geranial	1263	0.33%	IFRA
34.688	trans-Carvone oxide	1277	0.01%	IFRA
35.071	Unidentified	1283	0.03%	
35.775	Geranyl formate	1293	0.09%	
38.041	Unidentified	1327	0.05%	
39.745	Unidentified	1353	0.01%	
41.075	Geranyl acetate	1373	14.84%	
41.759	beta-Elementene	1384	0.09%	
42.657	Unidentified	1398	0.03%	
43.660	beta-Caryophyllene	1414	1.47%	
45.896	alpha-Humulene	1449	0.09%	
47.651	Selina-4,11-diene	1478	0.07%	
47.973	beta-Selinene	1483	0.02%	
48.188	Valencene	1486	0.04%	
49.807	alpha-Panasinsen	1513	0.03%	Palmarosa EO <i>Cymbopogon martinii</i>
52.000	Geranyl butyrate	1550	0.22%	
52.295	trans-Nerolidol	1555	0.07%	

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53.502	Caryophyllene oxide	1575	0.15%	
54.841	Geranyl 2-methylbutyrate	1598	0.03%	
61.015	(2E,6E)-Farnesol	1708	0.49%	IFRA
62.858	Geraniol hexanoate	1742	0.93%	
63.635	Unidentified	1757	0.07%	
63.728	Unidentified	1758	0.05%	
67.232	Farnesyl acetate isomer	1825	0.08%	
69.599	Unidentified	1871	0.01%	
72.827	Geranyl octanoate	1936	0.14%	
79.982	Thiogeraniol isomer	2087	0.01%	
85.014	Thiogeraniol isomer	2200	0.02%	
92.301	Unidentified	2374	0.02%	

Total Identified Compounds **99.72 %**