



GC-MS Analysis					
Product Name			Palmarosa Es.Oil		
Product Type			Essential oil		
Label name			PALMAROSA ESSENTIAL OIL		
Botanical Name			<i>Cymbopogon martini</i>		
Batch N°			E1001169		
Density at 20°C (g/cm <sup>3</sup> )			0,887		
Refractive Index			1,474		
Optical rotation at 20°C			0,3		
Cultivation			Conventional		
Production Date			April 2023		
Shelf Life			5 years		
Origin			India		
Production			Steam Distillation		
Plant Part			Leaves and Branches		
Time	Compounds	CAS N°	%	Chemical Family	IFRA 49th Restriction
21.54	Myrcene	123-35-3	0,16	Monoterpene	
22.36	Limonene	138-86-3	0,15	Monoterpene	
23.58	Geraniol	106-24-1	83,3	Monoterpenic alcohol	
25.13	Geranyl Acetate	105-87-3	7,37	Monoterpenic ester	
27.49	Linalool	78-70-6	2,75	Monoterpenic alcohol	
32.51	Beta-caryophyllene	87-44-5	1,35	Sesquiterpnene	
35.63	Trans-beta-ocimene	3779-61-1	1,28	Sesquiterpnene	
37.88	Trans-trans-alpha-farnesol	106-28-5	0,71	Monoterpenic alcohol	
40.23	Geranyl Carpoate	10032-02-7	0,63	Monoterpenic ester	
45.36	Cis-beta-ocimene	3338-55-4	0,36	Sesquiterpnene	
52.69	Nerol	106-25-2	0,18	Monoterpenic alcohol	
56.32	Neral	106-26-3	0,23	Aldehyde	<b>Cosmetic Allergen</b>
60.37	Geranial	141-27-5	0,31	Aldehyde	<b>Cosmetic Allergen</b>
<b>Total</b>			<b>98,78</b>		

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