



vessel
essential oils

GC-MS Analysis					
Product Name		Rose Es.Oil			
Product Type		Essential oil			
Botanical Name		<i>Rosa damascena</i>			
Batch N°		R2023001B			
Label name		GREEK ROSE ORGANIC ESSENTIAL OIL			
Refractive Index		1.445			
Specific Gravity (g/mL)		0.885			
Optical Rotation (°)		+22.05°			
Production Date		May 2022			
Shelf Life		5 years			
Origin		Greece			
Production		Steam Distillation			
Plant Part		Flower petals			
Time	Compounds	CAS N°	%	Chemical Family	IFRA 49th Restriction
46.5	Pentadecane	629-62-9	0.52	Sesquiterpene	
49.92	Linalool	78-70-6	1.10	Monoterpenic alcohol	Cosmetic Allergen
53.45	Alpha-Guaiene	3691-12-1	0.45	Sesquiterpene	
54.06	Trans-Beta Caryophyllene + Terpinen-4-ol	87-44-5/ 562-74-3	0.70	Sesquiterpene	
57.5	Citronellyl Acetate	150-84-5	1.10	Monoterpenic ester	
58.71	Alpha-	6753-98-6	0.32	Sesquiterpene	

Farmakeika, Neo Risio, Thessaloniki, Greece
Tel: +302310463719
Email: info@vessel.gr



vessel
essential oils

	Humulene				
58.94	Isoneral	106-26-3	0.39	Monoterpenic aldehyde	Dermal Sens. and Systemic Tox.
59.52	Heptadecane	629-78-7	2.45	Hydrocarbon	
61.13	Germacrene D	23986-74-5	0.70	Sesquiterpene	
61.43	Beta-Selinene	17066-67-0	0.43	Sesquiterpene	
62	Neryl Acetate	141-12-8	0.52	Monoterpenic ester	
63.3	Geranyl Acetate	105-87-3	1.75	Monoterpenic ester	
63.85	Citronellol	106-22-9	33.01	Monoterpenic alcohol	Cosmetic Allergen
65.52	Hexadecane	544-76-3	0.30	Hydrocarbon	
65.9	Nerol	106-25-2	4.98	Monoterpenic alcohol	
68.52	Geraniol	106-24-1	8.12	Monoterpenic alcohol	Cosmetic Allergen
71.46	Nonadecane	629-92-5	17.15	Hydrocarbon	
72.41	9-Nonadecene + Phenethyl Alcohol	31035-07-1	5.58		
76.8	Eicosane	112-95-8	1.45	Diterpene	
77.58	Methyl Eugenol	93-15-2	0.58	Phenylpropanoid	Dermal Sens. and Systemic Tox.
81.52	Heneicosane	629-94-7	6.31	Hydrocarbon	
89.82	Alcane c-23	-	1.45	Hydrocarbon	
90.8	(Z,Z)-Farnesol	4602-84-0	0.50	Sesquiterpenic alcohol	Cosmetic Allergen

Farmakeika, Neo Risio, Thessaloniki, Greece
Tel: +302310463719
Email: info@vessel.gr



vessel
essential oils

92.8	(E,E)-Farnesol	106-28-5	3.15	Sesquiterpenic alcohol	Cosmetic Allergen
Total			93.01		

Farmakeika, Neo Risio, Thessaloniki, Greece
Tel: +302310463719
Email: info@vessel.gr