



NHR ORGANIC OILS
 24 CHATHAM PLACE, BRIGHTON, BN1 3TN, UK
 +44 (0)1273 746505 info@nhrorganicoils.com www.nhrorganicoils.com

Certificate of Analysis & Gas Chromatography
Organic Oregano Essential Oil
(Origanum vulgare)

GC-MS Analysis					
Product Name		Organic Oregano Essential Oil			
Batch number		280524-3			
Botanical Name		Origanum vulgare / vulgare			
Origin:		Greece			
Density at 20°C (g/cm ³)		0,962			
Refractive Index		1,501			
Optical rotation at 20°C		0,12			
Cultivation		Certified organic			
Production		Steam distillation			
Plant Part		Flowering tops			
Time	Compounds	CAS N°	%	Chemical Family	IFRA 49th Restriction
13.62	Alpha-Pinene	80-56-8	0,41	Monoterpene	
22.80	Beta-Myrcene	123-35-3	1,29	Monoterpene	
24.01	Alpha-Terpinene	99-86-5	0,97	Monoterpene	
25.93	Alpha-thujene	2867-05-2	0,83	Monoterpene	
26.16	Gamma-Terpinene	99-85-4	3,85	Monoterpene	
30.61	Para-Cymene	99-87-6	3,29	Monoterpene	
50.65	Linalool	78-70-6	7,21	Monoterpenic alcohol	
57.84	Trans-Beta Caryophyllene	87-44-5	1,07	Sesquiterpene	
63.09	Terpinen-4-ol	562-74-3	0,59	Monoterpenic alcohol	
84.09	Thymol	89-83-8	1,63	Monoterpenic phenol	
85.46	Carvacrol	499-75-2	71,32	Monoterpenic phenol	
86.71	Borneol	507-70-0	0,67	Monoterpenic phenol	
90.32	Beta-Bisabolene	495-61-4	1,52	Sesquiterpene	
Total			94,65		