



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

*Certificate of Analysis & Gas Chromatography*  
**Organic Peppermint Essential Oil**  
*(Mentha piperita)*

General Information	
Product Name	Organic Peppermint
Origin	India
Batch number	150525-1
Production method	Steam distillation

Analytical Details		
	Specification	Results
Appearance	Mobile Liquid	Conforms
Odour	Minty, fresh, sweet	Conforms
Colour	Colourless to Yellow	Colourless
Specific Gravity @ 20°C	0.880 – 0.916	0.898
Refractive Index @ 20°C	1.445 – 1.470	1.460

GC Components	GC
.alpha.-Pinene	0.901
Camphene	0.025
Sabinene	0.43
.beta.-Pinene	1.219
3-Octanol	0.58
.beta.-Myrcene	0.645
Terpinene <alpha->	0.018
Cymene <para->	0.115
Limonene NON-POLAR	5.943
Limonene POLAR	7.02
Eucalyptol POLAR	0.399
trans-.beta.-Ocimene	0.028
cis-.beta.-Ocimene	0.036

.gamma.-Terpinene	0.027
1-Octanol	0.083
Linalool oxide <cis->	0.029
trans-Linalool oxide (furanoid)	0.011
Terpinolene	0.069
Linalool NON-POLAR	0.134
Nonanal POLAR	0.026
Linalool POLAR	0.175
Mentha-2,8-dien-1-ol <trans-, para->	0.043
Sabinol <trans->	0.057
L-Menthone	16.288
Isomenthone	7.677
Menthofuran	0.039
Neomenthol	4.278
dl-Menthol	49.223
Neral	0.038
Terpineol <alpha->	0.432
Dihydrocarveol <1,6->	0.063
Acetate <octyl->	0.084
Pulegone	1.583
Piperitone	0.896
1-Decanol	0.11
Neomenthyl acetate	0.063
Menthyl acetate	4.461
Nonyl acetate	0.049
Copaene	0.028
(-).beta.-Bourbonene	0.243
Elemene <beta->	0.105
Decyl acetate	0.088
Longifolene	0.055
Caryophyllene	0.756
Humulene <alpha->	0.048
Germacrene D	0.349
Bicyclogermacrene	0.087
.gamma.-Muurolene	0.025
Cadinene <delta->	0.067

**Storage:**

Store in a dry and well-ventilated area, away from heat source and direct light.

Store in tightly sealed original containers.