



NHR ORGANIC OILS
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Certificate of Analysis & Gas Chromatography
Organic Frankincense Essential Oil
(Boswellia carterii)

Product Name	ORGANIC FRANKINCENSE OIL CARTERII
Batch number	190226-5
Origin	SOMALIA

Characteristic	Specification	Result
APPEARANCE	LIQUID, PALE YELLOW TO YELLOW	Complies
ODOUR	SWEET, VINYL, RESINOUS	Complies
SPECIFIC GRAVITY @ 20°C	>= 0.8660 AND <= 0.8950	0.874
REFRACTIVE INDEX @ 20°C	>= 1.4400 AND <= 1.4850	1.475

GC Results:	%
Thujene <alpha>	11.33
Pinene <alpha>	30.066
Camphene	0.569
Thuja-2,4(10)-diene	0.325
Sabinene	4.213
Pinene <beta>	0.978
.beta.-Myrcene	3.252
p-Mentha-1,5,8-triene	0.072
Anisole <2-methyl>	0.049
Phellandrene <alpha>	1.293
delta-3-Carene	1.266
Terpinene <alpha>	0.413
Cymene <para>	4.981
Limonene POLAR	11.983
Eucalyptol POLAR	0.113
beta.-Phellandrene POLAR	0.437

trans-.beta.-Ocimene	0.088
cis-.beta.-Ocimene	0.045
.gamma.-Terpinene	0.631
Cymenene <para->	0.116
Terpinolene	0.199
Linalool	0.189
Perillene	0.085
.alpha.-Campholenal	0.253
Pinocarveol <trans->	0.766
trans-Verbenol	0.581
p-Mentha-1,5-dien-8-ol	0.661
p-Cymen-8-ol	0.285
Terpinen-4-ol	1.227
Myrtenal	0.175
.alpha.-Terpineol	0.35
Myrtenol	0.194
Bornyl acetate	0.269
Copaene	0.753
Bourbonene <beta->	0.218
Elemene <beta->	0.807
Gurjunene <alpha->	0.108
Caryophyllene	2.622
Copaene <beta->	0.073
trans-.alpha.-Bergamotene	0.113
Guaiene <alpha->	0.027
.alpha.-Humulene	0.59
Alloaromadendrene	0.21
Germacrene D	0.272
.beta.-Selinene	0.444
Cubebol <epi->	0.363
Selinene <alpha->	0.392
Muurolene <alpha->	0.188
.gamma.-Muurolene	1.006
Cadinene <delta->	1.173
Caryophyllene oxide	1.234
Viridiflorol	0.229
.tau.-Cadinol	0.748

STABILITY AND STORAGE:

KEEP IN TIGHTLY CLOSED CONTAINER IN A DRY PLACE, PROTECTED FROM LIGHT.

WE BELIEVE THE ABOVE INFORMATION TO BE CORRECT BUT WE DO NOT PRESENT IT AS ALL INCLUSIVE.