



Frankincense Radiata Oil Analysis

Product: **Frankincense Essential Oil Organic**
INCI Name: Boswellia Carterii Oil / Boswellia Carterii Gum Oil
Country of Origin: Somalia
Botanical part: Gum
Botanical Name: Boswellia carterii Birdw..
CAS Number: 89957-98-2 / 8050-07-5

Characteristics:

	Requirement	Result
Appearance:	Clear liquid	Conforms
Colour:	Pale yellow to yellow	Conforms
Odour:	Resinous, sweet-woody	Conforms
Specific Gravity (gr/ml) @ 20°C:	0.860 – 0.890	0.868
Refractive Index @ 20°C:	1.468 – 1.482	1.475

GC/MS/FID Analysis (%):

1	α -Pinene	39.47
2	Limonene	14.66
3	Myrcene	6.99
4	Sabinene	4.18
5	β - Caryophyllene	4.09
6	α -Thujene	3.47
7	p-Cymene	3.34