



*Promoting Safe & Effective Use of Essential Oils*  
*Promoting Safe & Effective Use of Essential Oils*

**GC/MS Report Method:** Percentage (%)

**Essential Oil:** Frankincense Serrata

**Botanical Name:** Boswelia serrata

**Country of Origin:** India

**Date:** Nov '17

---

PHYSICAL APPEARANCE: A clear pale straw colored liquid.

SENSORY EVALUATION: Camphoraceous, sharp, floral, herbaceous, woody.

SOLUBILITY: Soluble in ethanol according to the relevant ISO standard.

CAS: 8016-36-2

Part: Resin Tears

Method: Steam Distillation

Class: Monoterpene

Compounds (28)	%
alpha-Thujene	61.36
alpha-Pinene	7.73
Sabinene	5.07
para-Cymene	4.28
Methyl chavicol	2.74
alpha-Phellandrene	2.22
alpha-Thujone	1.76
Limonene	1.55
beta-Bourbonene	1.49
beta-Thujone	1.4
delta-3-Carene	1.12
Zingiberene	1.01
alpha-Terpineol	0.55
Terpinen-4-ol	0.45
alpha-Terpinene	0.41
Elemicin	0.37
Methyl eugenol	0.33
beta-Pinene	0.21
Linalool	0.19
gamma-Terpinene	0.15



*Promoting Safe & Effective Use of Essential Oils*  
**Promoting Safe & Effective Use of Essential Oils**

Camphene	0.04
Camphor	0.04
beta-Phellandrene	0.03
Tricyclene	0.02
Citronellol	0.01
Fenchone	0.01
Isomenthone	0.01
Menthone	0.01

**NOTE:** Percentages abridged. Percentages of less than 0.01% are not shown. Total is always less than 100% since minute quantities of many substances are found in natural botanicals.