

Certificate of Analysis

Product: Frankincense (Olibanum) Oil - Certified Organic ACO/USDA
Botanical Name: *Boswellia carterii*
Origin: Somalia
Plant Part used: Gum
Extraction: Steam distillation

Physical data	<u>Specification²</u>	<u>Results</u>
Appearance:	Clear free flowing liquid	Complies
Colour:	Pale Yellow	Complies
Odour:	Fresh, terpene top note with warm, sweet balsamic	Complies
Specific Gravity at 20 ⁰ C:	0.8500 to 0.8920	0.8785
Refractive Index at 20 ⁰ C:	1.4600 to 1.4950	1.4702
Optical Rotation:	+10.00 ⁰ to -20.00 ⁰	-5.25 ⁰

Chromatographic Profile

Sample	Component	Specification² Peak Area¹ (%)	Results Peak Area¹ (%)
<i>Boswellia carterii</i>	a-Thujene	Trace to 10	1.22
	a-Pinene	30 to 60	31.83
	Sabinene	Trace to 8	5.51
	b-Pinene	Trace to 14	3.96
	b-Myrcene	Trace to 10	3.24
	d-Limonene	2 to 15	4.74
	Viridiflorol	Trace to 10	3.68