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## Certificate of Analysis

Product: Fir Balsam Needle Essential Oil  
Botanical name: *Abies balsamea*  
INCI name: Abies balsamea needle oil  
CAS#: 85085-34-3  
Batch number: 73997  
Country of Origin: Canada  
Re-test date: 30-SEPT-2021

Parameters	Specification	Results
State	Liquid	Complies
Colour	Colourless to pale yellow	Complies
Odour	Characteristics	Complies
Specific Gravity / (g/cm <sup>3</sup> ) @ 25°C	0.8670 – 0.8750	0.8704
Refractive Index @ 20°C	1.4730 – 1.4760	1.4741
<b>Characteristics %</b>		
α-pinene	14-58	46.02
b-pinene	4-36	33
Limonene	7-15	13.4
Myrcene	0.5-7	-
Bornyl acetate	Trace-21	8.05

**Storage:** Store in well-filled, tightly sealed containers, in a cool dry place, away from direct sunlight.

This document is a computer generated certificate of analysis and does not require a signature.