

## Certificate of Analysis - Spruce

Reference Name	Tsuga canadensis conifer
CAS:	N/A
Botanical Species:	Tsuga canadensis, fam. Pinaceae

0.15%	Santene
6.76%	Tricyclene
20.09%	alpha-Pinene
17.53%	Camphene
0.19%	Sabinene
2.62%	beta-Pinene
4.45%	Myrcene
1.45%	alpha-Phellandrene
0.04%	delta-3-Carene
0.23%	alpha-Terpinene
0.43%	para-Cymene
3.03%	Limonene
2.57%	beta-Phellandrene
0.37%	gamma-Terpinene
0.46%	Terpinolene
0.15%	Borneol
0.75%	Terpinen-4-ol
0.52%	alpha-Terpineol
28.42%	Bornyl acetate
0.10%	alpha-Terpinyol acetate
0.17%	Citronellyl acetate
0.12%	Geranyl acetate
1.81%	Piperitone
0.03%	alpha,p-Dimethylstyrene