

### Certificate of Analysis – Fir, Douglas

Reference Name:	Douglas fir (Indiana, USA)
CAS:	N/A
Botanical Species:	<i>Pseudotsuga menziesii</i>

3.13%	Santene
3.59%	Tricyclene
0.16%	alpha-Thujene
18.38%	alpha-Pinene
31.63%	Camphene
1.00%	Sabinene
6.52%	beta-Pinene
1.62%	Myrcene
0.18%	alpha-Phellandrene
0.40%	delta-3-Carene
0.38%	alpha-Terpinene
0.19%	para-Cymene
6.14%	Limonene
1.03%	beta-Phellandrene
0.05%	(E)-beta-Ocimene
0.68%	gamma-Terpinene
1.82%	Terpinolene
0.83%	Linalool
0.56%	Borneol
0.79%	Terpinen-4-ol
0.26%	alpha-Terpineol
0.10%	Citronellol
0.67%	1,8-Cineole
0.12%	Camphor
0.51%	Linalyl acetate
8.12%	Bornyl acetate
0.47%	Camphene hydrate
0.16%	Piperitone
0.04%	trans-Linalool oxide (5) (furanoid)
0.10%	cis-Linalool oxide (5) (furanoid)
0.04%	Ethyl octanoate
0.07%	Lavandulyl acetate