

Certificate of Analysis - Certified Organic Juniperberry Oil

Sample: Juniperberry Oil, CO
 Species: Juniperus communis
 Origin: Croatia

Main Components (98.5% Identified)

ID	FID%	ID	FID%
tricyclene	0.08%	germacrene D	3.76%
alpha-thujene	2.36%	beta-selinene	0.14%
alpha-pinene	36.20%	bicyclogermacrene	0.57%
camphene	0.28%	alpha-muurolene	0.24%
sabinene	12.00%	alpha-amorphene	0.33%
beta-pinene	1.25%	delta-cadinene	0.98%
myrcene	17.35%	cadina-1,4-diene	0.04%
alpha-phellandrene	0.23%	alpha-cadinene	0.09%
delta-3-carene	0.10%	selina-3,7(11)-diene	0.04%
alpha-terpinene	1.89%	elemol	0.05%
p-cymene	0.31%	germacrene B	1.35%
beta-phellandrene / limonene	4.75%	1,6-germacradien-5-ol	0.04%
gamma-terpinene	2.89%	spathulenol	0.07%
alpha-terpinolene	1.61%	T-cadinol	0.26%
linalool	0.08%	biformene	0.08%
p-menth-2-en-ol isomer	0.11%	ar-abietatriene	0.05%
1-terpineol	0.08%		
terpinen-4-ol	2.94%		
alpha-terpineol	0.26%		
citronellol	0.07%		
bornyl acetate	0.17%		
2-undecanone	0.06%		
myrtenyl acetate	0.05%		
alpha-cubebene	0.37%		
citronellyl acetate	0.05%		
alpha-copaene	0.16%		
beta-elemene	0.91%		
beta-caryophyllene	1.10%		
gamma-elemene	0.64%		
alpha-humulene	0.81%		
trans-beta-farnesene	0.35%		

The sample composition was that expected for natural essential oil of Juniperus communis. No adulteration or contamination was detected. No traces of pesticide or herbicide residues was found. Odor quality is excellent and overall one of the best samples of juniperberry oil ever analyzed by this laboratory.