

FIGURE 1. Phytocannabinoids

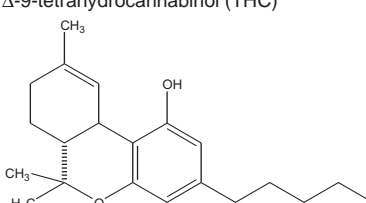
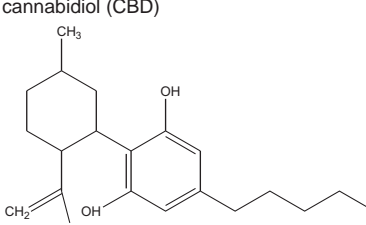
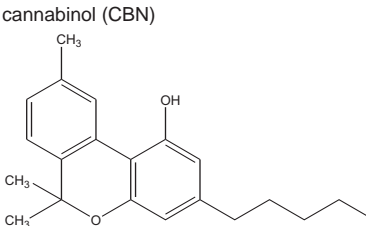
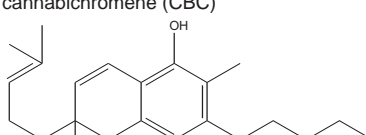
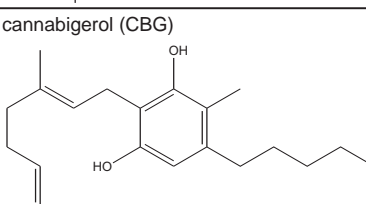
Structure*	Concentration† (% dry weight)	Boiling Point °C§	Properties
<p>Δ-9-tetrahydrocannabinol (THC)</p> 	0.1-25%	157	Euphoriant Analgesic Antiinflammatory Antioxidant Antiemetic
<p>cannabidiol (CBD)</p> 	0.1-2.89%	160-180	Anxiolytic Analgesic Antipsychotic Antiinflammatory Antioxidant Antispasmodic
<p>cannabinol (CBN)</p> 	0.0-1.6%	185	Oxidation breakdown product Sedative Antibiotic
<p>cannabichromene (CBC)</p> 	0.0-0.65%	220	Antiinflammatory Antibiotic Antifungal
<p>cannabigerol (CBG)</p> 	0.03-1.15%	MP 52	Antiinflammatory Antibiotic Antifungal

FIGURE 1 (continued)

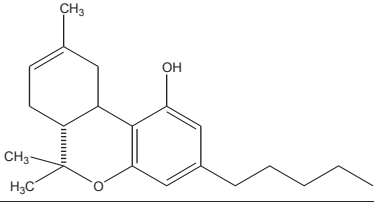
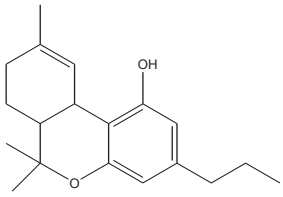
Structure*	Concentration† (% dry weight)	Boiling Point °C§	Properties
<p>Δ-8-tetrahydrocannabinol (Δ-8-THC)</p> 	0.0-0.1%	175-178	Resembles Δ -9-THC Less psychoactive More stable Antiemetic
<p>tetrahydrocannabivarin (THCV)</p> 	0.0-1.36%	< 220	Analgesic Euphoriant

FIGURE 2. Terpenoid essential oil components of cannabis.

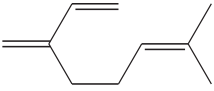
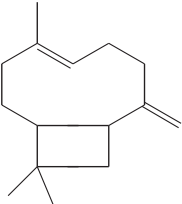

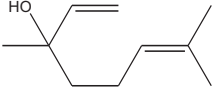
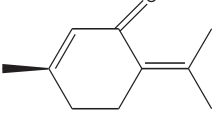
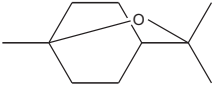
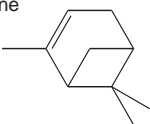
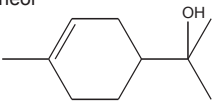
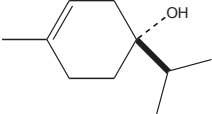
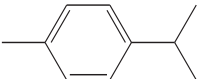
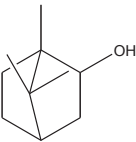
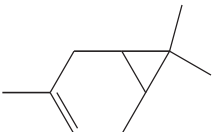
Cannabis Constituent Structure*	Concentration†	Boiling Point °C§	Properties
β -myrcene 	0.47%	166-168	Analgesic Antiinflammatory Antibiotic Antimutagenic
β -caryophyllene 	0.05%	119	Antiinflammatory Cytoprotective (gastric mucosa) Antimalarial
d-limonene 	0.14%	177	Cannabinoid agonist? Immune potentiator Antidepressant Antimutagenic
linalool 	0.002%	198	Sedative Antidepressant Anxiolytic Immune potentiator
pulegone 	0.001%	224	Memory booster? AChE inhibitor Sedative Antipyretic
1,8-cineole (eucalyptol) 	> 0.001%	176	AChE inhibitor Increases cerebral blood flow Stimulant Antibiotic Antiviral Antiinflammatory Antinociceptive
α -pinene 	0.04%	156	Antiinflammatory Bronchodilator Stimulant Antibiotic Antineoplastic AChE inhibitor

FIGURE 2 (continued)

Cannabis Constituent Structure*	Concentration†	Boiling Point °C§	Properties
α -terpineol 	0.02%	217-218	Sedative Antibiotic AChE inhibitor Antioxidant Antimalarial
terpineol-4-ol 	0.0004%	209	AChE inhibitor Antibiotic
p -cymene 	0.0004%	177	Antibiotic Anticandidal AChE inhibitor
borneol 	0.008%	210	Antibiotic
Δ -3-carene 	0.004%	168	Antiinflammatory