

Cannabis

Testing Standards



AccuStandard®

Cannabis Standards

AccuStandard offers standards for testing cannabinoids, terpenes, pesticide contaminants and residual solvents. Since the requirements differ by state, we have developed standards specific to state requirements. For additional information, contact our Technical Service Department.

Cannabis Terpenes

Cannabis Terpenes

SOLUTIONS at 100 µg/mL in PT Methanol, 1 mL

Compound	CAS	Cat. No.
(-)-alpha-Bisabolol	23089-26-1	CP-TER-001S
beta-Pinene	18172-67-3	CP-TER-002S
(-)-Borneol	464-45-9	CP-TER-003S
(-)-Caryophyllene oxide	1139-30-6	CP-TER-004S
(-)-Guaiol	489-86-1	CP-TER-005S
(-)-Isopulegol	89-79-1	CP-TER-006S
(+)-Borneol	464-43-7	CP-TER-007S
(+)-Fenchone	4695-62-9	CP-TER-008S
Eucalyptol	470-82-6	CP-TER-009S
alpha-Humulene	6753-98-6	CP-TER-010S
alpha-Pinene	80-56-8	CP-TER-011S
alpha-Terpinene	99-86-5	CP-TER-012S
beta-Caryophyllene	87-44-5	CP-TER-013S
beta-Myrcene	123-35-3	CP-TER-014S
Camphene	79-92-5	CP-TER-015S
Camphor	76-22-2	CP-TER-016S
3-Carene	13466-78-9	CP-TER-017S
(R)-Limonene	5989-27-5	CP-TER-018S
gamma-Terpinene	99-85-4	CP-TER-019S
Geraniol	106-24-1	CP-TER-020S
L-(-)-Fenchone	7787-20-4	CP-TER-021S
Linalool	78-70-6	CP-TER-022S
Nerolidol	7212-44-4	CP-TER-023S
Ocimene	13877-91-3	CP-TER-024S
p-Cymene	99-87-6	CP-TER-025S
Terpinolene	586-62-9	CP-TER-026S
Valencene (Tech)	4630-07-3	CP-TER-027S
Terpineol	8000-41-7	CP-TER-028S
Farnesene (mixture of isomers)		CP-TER-029S

Cannabis Terpene Mix Set

CP-TER-MIX-SET

2 x 1 mL

CP-TER-MIX-001, CP-TER-MIX-002

Cannabis Terpene Mix 1

CP-TER-MIX-001

1 mL

100 µg/mL each in PT Methanol

14 comps.

(-)-alpha-Bisabolol	Camphene
(-)-Caryophyllene oxide	Camphor
(-)-Isopulegol	Linalool
(+)-Fenchone	Nerolidol
Eucalyptol	Ocimene
beta-Caryophyllene	Valencene (Tech)
beta-Myrcene	3-Carene

Cannabis Terpene Mix 2

CP-TER-MIX-002

1 mL

100 µg/mL each in PT Methanol

14 comps.

beta-Pinene	(R)-Limonene
(-)-Guaiol	gamma-Terpinene
(+)-Borneol	Geraniol
(-)-Borneol	L-(-)-Fenchone
alpha-Humulene	p-Cymene
alpha-Pinene	Terpinolene
alpha-Terpinene	Terpineol

Cannabinoid Standards

Each at 1000 µg/mL in PT Methanol

1 mL

Compound	CAS	Cat. No.
Cannabidiol (CBD)	13956-29-1	CP-CBD-01S
Delta-8-Tetrahydrocannabinol (THC-8)	5957-75-5	CP-8-THC-01S
Delta-9-Tetrahydrocannabinol (THC-9)	1972-08-3	CP-9-THC-01S
Delta-9-Tetrahydrocannabinolic acid A (THCA-A)	23978-85-0	CP-THCA-A-01S
Cannabigerol (CBG)	25654-31-3	CP-CBG-01S
Cannabichromene (CBC)	20675-51-8	CP-CBC-01S

Cannabinoid Mix Standard

CP-CANNA-MIX-01

1000 µg/mL each in PT Methanol

1 mL

3 comps.

**Restrictions may
apply contact us for
details.**



Oregon Cannabis Pesticides

The Oregon Health Association (OHA) has classified and submitted three prioritized groupings of residue cannabis pesticides:

• Fungicides • Pyrethroids • Organophosphates

In June of 2015, a white paper titled "Pesticide Use on Cannabis" published by the Cannabis Safety Institute originally contained 188 active compounds.

From the targeted 188 active compounds, a working group with the OHA had numerous analytical laboratories study the toxicological effects and the historical natural application of each of the compounds for crop and human ingestion. The results reduced the original number of targeted compounds to 59 pesticides. These pesticides remain on the State of Oregon list. AccuStandard, Inc. offers three individual mixes of these 59 compounds.

Oregon Cannabis Pesticide Set

CP-ORE-SET

3 x 1 mL
CP-ORE-01, CP-ORE-02, CP-ORE-03

Oregon Cannabis Pesticide Mix 1

CP-ORE-01

100 µg/mL each in Acetonitrile

1 mL
20 comps.

Abamectin	Daminozide	Methomyl
Acequinocyl	(E)-Fenpyroximate	Oxamyl
Aldicarb	Fenoxycarb	Propoxur
Carbaryl	Flonicamid	Spinosad
Carbofuran	Hexythiazox	Spirotetramat
Chlorantraniliprole	Imidacloprid	Thiamethoxam
Clofentazine	Methiocarb	

Oregon Cannabis Pesticide Mix 2

CP-ORE-02

100 µg/mL each in Acetonitrile

1 mL
16 comps.

Acephate	Dursban	Naled
Bifenthrin	Ethoprop	Permethrin
Cyfluthrin	Etofenprox	Phosmet
Cypermethrin	Malathion	Prallethrin
Diazinon	Methyl parathion	Pyrethrins
Dimethoate		

Oregon Cannabis Pesticide Mix 3

CP-ORE-03

100 µg/mL each in Acetonitrile

1 mL
23 comps.

Acetamiprid	Fludioxonil	Propiconazole
Azoxystrobin	Imazalil	Pyridaben
Bifenazate	Kresoxim-methyl	Spiromesifen
Boscalid	Metalaxyl	Spiroxamine
Chlorfenapyr	MGK-264	Tebuconazole
Dichlorvos	Myclobutanil	Thiacloprid
Etoazole	Paclobutrazol	Trifloxystrobin
Fipronil	Piperonyl butoxide	

Independently prepared lots available

* ColdPAK required to maintain integrity of product.

Oregon Cannabis Residual Solvents

CP-ORE-RS-01

1000 µg/mL each in Water

1 mL
11 comps.

Acetone	2-Ethoxyethanol	Isopropyl acetate
Acetonitrile	Ethyl acetate	Methanol
sec-Butanol	Ethyl ether	Isopropanol
1,4-Dioxane	Ethylene glycol	

CP-ORE-RS-02

1000 µg/mL each in Ethanol

1 mL
18 comps.

Benzene	n-Heptane	n-Pentane
Cumene	Hexane	Tetrahydrofuran
Cyclohexane	Ethylbenzene	Toluene
Dichloromethane	Isopentane	o-Xylene
2,2-Dimethylbutane	2-Methylpentane	p-Xylene
2,3-Dimethylbutane	3-Methylpentane	m-Xylene

CP-ORE-RS-03

1000 µg/mL each in Ethanol

1 mL
4 comps.

sec-Butanol	Isobutane
n-Propane	Neopentane

CP-ORE-RS-04 *

1000 µg/mL in Ethanol

1 mL

Ethylene oxide

Nevada Pesticide Standard

Nevada Pesticide Mix

CP-NV-PEST

100 µg/mL each in Acetonitrile

1 mL
25 comps.

Abamectin	Etoazole	Pyrethrins
Acequinocyl	Fenhexamid	Quintozene
Alar	Flonicamid	Spinetoram
Bifenazate	Fludioxonil	Spinosad
Bifenthrin	Imazalil	Spirotetramat
Captan	Imidacloprid	Thiamethoxam
Cyfluthrin	Myclobutanil	Thiophanate-methyl
Cypermethrin	Piperonyl butoxide	Trifloxystrobin
Dimethomorph		

Heavy Metals

Element	Matrix	1000 µg/mL	Unit
Starting Material		Cat. No.	
Arsenic (As)	2-5% Nitric acid	ICP-03N-1	100 mL
As		ICP-03N-5	500 mL
Cadmium (Cd)	2-5% Nitric acid	ICP-08N-1	100 mL
Cd		ICP-08N-5	500 mL
Chromium (Cr)	2-5% Nitric acid	ICP-13N-1	100 mL
(NH ₄) ₂ Cr ₂ O ₇		ICP-13N-5	500 mL
Lead (Pb)	2-5% Nitric acid	ICP-29N-1	100 mL
Pb(NO ₃) ₂		ICP-29N-5	500 mL
Mercury (Hg)	10% Nitric acid	ICP-34N-1	100 mL
Hg		ICP-34N-5	500 mL
Nickel (Ni)	2-5% Nitric acid	ICP-37N-1	100 mL
Ni		ICP-37N-5	500 mL
Thallium (Tl)	2-5% Nitric acid	ICP-60N-1	100 mL
Tl		ICP-60N-5	500 mL



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