



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

JUNIPER ANALYTICS LLC
1334 NE 2nd St.
Bend, OR 97701
Ben Armstrong Phone: 541-382-2796

CHEMICAL

Valid To: September 30, 2021

Certificate Number: 5182.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on cannabis and cannabis-infused products:

<u>Test</u>	<u>Test Method</u>
Cannabinoid Potency	
CBC	JA-Potency-Proprietary_SOP_JA.009
CBD	JA-Potency-Proprietary_SOP_JA.009
CBD-A	JA-Potency-Proprietary_SOP_JA.009
CBG	JA-Potency-Proprietary_SOP_JA.009
D8-THC	JA-Potency-Proprietary_SOP_JA.009
D9-THC	JA-Potency-Proprietary_SOP_JA.009
THC-A	JA-Potency-Proprietary_SOP_JA.009
THCV	JA-Potency-Proprietary_SOP_JA.009
Residual Solvents	
1,2 Dimethylbenzene (o-xylene)	JA-Residual Solvent-Proprietary_SOP_JA.014
1,3 Dimethylbenzene (m-xylene)	JA-Residual Solvent-Proprietary_SOP_JA.014
1,4 Dimethylbenzene (p-xylene)	JA-Residual Solvent-Proprietary_SOP_JA.014
1,4-Dioxane	JA-Residual Solvent-Proprietary_SOP_JA.014
2,2-Dimethylbutane	JA-Residual Solvent-Proprietary_SOP_JA.014
2,3-Dimethylbutane	JA-Residual Solvent-Proprietary_SOP_JA.014
2-Butanol	JA-Residual Solvent-Proprietary_SOP_JA.014
2-Ethoxyethanol	JA-Residual Solvent-Proprietary_SOP_JA.014
2-methyl pentane	JA-Residual Solvent-Proprietary_SOP_JA.014
2-Propanol (IPA)	JA-Residual Solvent-Proprietary_SOP_JA.014
3-methyl pentane	JA-Residual Solvent-Proprietary_SOP_JA.014
Acetone	JA-Residual Solvent-Proprietary_SOP_JA.014
Acetonitrile	JA-Residual Solvent-Proprietary_SOP_JA.014
Benzene	JA-Residual Solvent-Proprietary_SOP_JA.014
Cyclohexane	JA-Residual Solvent-Proprietary_SOP_JA.014
Dichloromethane	JA-Residual Solvent-Proprietary_SOP_JA.014
Ethyl acetate	JA-Residual Solvent-Proprietary_SOP_JA.014
Ethyl Ether	JA-Residual Solvent-Proprietary_SOP_JA.014
Ethylbenzene	JA-Residual Solvent-Proprietary_SOP_JA.014

<u>Test</u>	<u>Test Method</u>
Residual Solvents (continued)	
Ethylene Glycol	JA-Residual Solvent-Proprietary_SOP_JA.014
Ethylene Oxide	JA-Residual Solvent-Proprietary_SOP_JA.014
Heptane	JA-Residual Solvent-Proprietary_SOP_JA.014
Iso-butane	JA-Residual Solvent-Proprietary_SOP_JA.014
Iso-pentane (2-methyl butane)	JA-Residual Solvent-Proprietary_SOP_JA.014
Isopropyl acetate	JA-Residual Solvent-Proprietary_SOP_JA.014
Methanol	JA-Residual Solvent-Proprietary_SOP_JA.014
n-Butane	JA-Residual Solvent-Proprietary_SOP_JA.014
Neo-pentane (2,2 dimethyl propane)	JA-Residual Solvent-Proprietary_SOP_JA.014
n-hexane	JA-Residual Solvent-Proprietary_SOP_JA.014
n-pentane	JA-Residual Solvent-Proprietary_SOP_JA.014
Propane	JA-Residual Solvent-Proprietary_SOP_JA.014
Tetrahydrofuran	JA-Residual Solvent-Proprietary_SOP_JA.014
Toluene	JA-Residual Solvent-Proprietary_SOP_JA.014
Pesticides	
Abamectin	JA-Pesticide-Proprietary_SOP_JA.016
Acephate	JA-Pesticide-Proprietary_SOP_JA.016
Acequinocyl	JA-Pesticide-Proprietary_SOP_JA.016
Acetamiprid	JA-Pesticide-Proprietary_SOP_JA.016
Aldicarb	JA-Pesticide-Proprietary_SOP_JA.016
Azoxystrobin	JA-Pesticide-Proprietary_SOP_JA.016
Bifenazate	JA-Pesticide-Proprietary_SOP_JA.016
Bifenthrin	JA-Pesticide-Proprietary_SOP_JA.016
Boscalid	JA-Pesticide-Proprietary_SOP_JA.016
Carbaryl	JA-Pesticide-Proprietary_SOP_JA.016
Carbofuran	JA-Pesticide-Proprietary_SOP_JA.016
Chlorantraniliprole	JA-Pesticide-Proprietary_SOP_JA.016
Chlorfenapyr	JA-Pesticide-Proprietary_SOP_JA.016
Chlorpyrifos	JA-Pesticide-Proprietary_SOP_JA.016
Clofentezine	JA-Pesticide-Proprietary_SOP_JA.016
Cyfluthrin	JA-Pesticide-Proprietary_SOP_JA.016
Cypermethrin	JA-Pesticide-Proprietary_SOP_JA.016
Daminozide	JA-Pesticide-Proprietary_SOP_JA.016
DDVP (Dichlorvos)	JA-Pesticide-Proprietary_SOP_JA.016
Diazinon	JA-Pesticide-Proprietary_SOP_JA.016
Dimethoate	JA-Pesticide-Proprietary_SOP_JA.016
Ethoprophos	JA-Pesticide-Proprietary_SOP_JA.016
Etofenprox	JA-Pesticide-Proprietary_SOP_JA.016
Etoxazole	JA-Pesticide-Proprietary_SOP_JA.016
Fenoxycarb	JA-Pesticide-Proprietary_SOP_JA.016
Fenpyroximate	JA-Pesticide-Proprietary_SOP_JA.016
Fipronil	JA-Pesticide-Proprietary_SOP_JA.016
Flonicamid	JA-Pesticide-Proprietary_SOP_JA.016
Fludioxonil	JA-Pesticide-Proprietary_SOP_JA.016
Hexythiazox	JA-Pesticide-Proprietary_SOP_JA.016
Imazalil	JA-Pesticide-Proprietary_SOP_JA.016

<u>Test</u>	<u>Test Method</u>
Pesticides (continued)	
Imidacloprid	JA-Pesticide-Proprietary_SOP_JA.016
Kresoxim-methyl	JA-Pesticide-Proprietary_SOP_JA.016
Malathion	JA-Pesticide-Proprietary_SOP_JA.016
Metalaxyl	JA-Pesticide-Proprietary_SOP_JA.016
Methiocarb	JA-Pesticide-Proprietary_SOP_JA.016
Methomyl	JA-Pesticide-Proprietary_SOP_JA.016
Methyl Parathion	JA-Pesticide-Proprietary_SOP_JA.016
MGK-264	JA-Pesticide-Proprietary_SOP_JA.016
Myclobutanil	JA-Pesticide-Proprietary_SOP_JA.016
Naled	JA-Pesticide-Proprietary_SOP_JA.016
Oxamyl	JA-Pesticide-Proprietary_SOP_JA.016
Paclobutrazol	JA-Pesticide-Proprietary_SOP_JA.016
Permethrins	JA-Pesticide-Proprietary_SOP_JA.016
Phosmet	JA-Pesticide-Proprietary_SOP_JA.016
Piperonyl butoxide	JA-Pesticide-Proprietary_SOP_JA.016
Prallethrin	JA-Pesticide-Proprietary_SOP_JA.016
Propiconazole	JA-Pesticide-Proprietary_SOP_JA.016
Propoxur	JA-Pesticide-Proprietary_SOP_JA.016
Pyrethrins	JA-Pesticide-Proprietary_SOP_JA.016
Pyridaben	JA-Pesticide-Proprietary_SOP_JA.016
Spinosad	JA-Pesticide-Proprietary_SOP_JA.016
Spiromesifen	JA-Pesticide-Proprietary_SOP_JA.016
Spirotetramat	JA-Pesticide-Proprietary_SOP_JA.016
Spiroxamine	JA-Pesticide-Proprietary_SOP_JA.016
Tebuconazole	JA-Pesticide-Proprietary_SOP_JA.016
Thiacloprid	JA-Pesticide-Proprietary_SOP_JA.016
Thiamethoxam	JA-Pesticide-Proprietary_SOP_JA.016
Trifloxystrobin	JA-Pesticide-Proprietary_SOP_JA.016
Terpenes	
(+)-Pulegone	JA-Terpenes-Proprietary_SOP_JA.019
3-Carene	JA-Terpenes-Proprietary_SOP_JA.019
a-Cedrene	JA-Terpenes-Proprietary_SOP_JA.019
allo-Ocimene	JA-Terpenes-Proprietary_SOP_JA.019
Borneol	JA-Terpenes-Proprietary_SOP_JA.019
Camphene	JA-Terpenes-Proprietary_SOP_JA.019
Camphor	JA-Terpenes-Proprietary_SOP_JA.019
Caryophyllene oxide	JA-Terpenes-Proprietary_SOP_JA.019
Cedrol	JA-Terpenes-Proprietary_SOP_JA.019
cis-Nerolidol	JA-Terpenes-Proprietary_SOP_JA.019
cis-β-Ocimene	JA-Terpenes-Proprietary_SOP_JA.019
Eucalyptol	JA-Terpenes-Proprietary_SOP_JA.019
Fenchol	JA-Terpenes-Proprietary_SOP_JA.019
Fenchone	JA-Terpenes-Proprietary_SOP_JA.019
Geraniol	JA-Terpenes-Proprietary_SOP_JA.019
Geranyl acetate	JA-Terpenes-Proprietary_SOP_JA.019
Guaiol	JA-Terpenes-Proprietary_SOP_JA.019

<u>Test</u>	<u>Test Method</u>
Terpenes (continued)	
Isoborneol	JA-Terpenes-Proprietary_SOP_JA.019
Isopulegol	JA-Terpenes-Proprietary_SOP_JA.019
Limonene	JA-Terpenes-Proprietary_SOP_JA.019
Linalool	JA-Terpenes-Proprietary_SOP_JA.019
Nerol	JA-Terpenes-Proprietary_SOP_JA.019
p-Cymene	JA-Terpenes-Proprietary_SOP_JA.019
Sabinene	JA-Terpenes-Proprietary_SOP_JA.019
Sabinene hydrate	JA-Terpenes-Proprietary_SOP_JA.019
Terpineol	JA-Terpenes-Proprietary_SOP_JA.019
Terpinolene	JA-Terpenes-Proprietary_SOP_JA.019
trans-Nerolidol	JA-Terpenes-Proprietary_SOP_JA.019
trans- β -Caryophyllene	JA-Terpenes-Proprietary_SOP_JA.019
trans- β -Ocimene	JA-Terpenes-Proprietary_SOP_JA.019
Valencene	JA-Terpenes-Proprietary_SOP_JA.019
γ -Terpinene	JA-Terpenes-Proprietary_SOP_JA.019
γ -Terpineol	JA-Terpenes-Proprietary_SOP_JA.019
α -Bisabolol	JA-Terpenes-Proprietary_SOP_JA.019
α -Humulene	JA-Terpenes-Proprietary_SOP_JA.019
α -Phellandrene	JA-Terpenes-Proprietary_SOP_JA.019
α -Pinene	JA-Terpenes-Proprietary_SOP_JA.019
α -Terpinene	JA-Terpenes-Proprietary_SOP_JA.019
β -Myrcene	JA-Terpenes-Proprietary_SOP_JA.019
β -Pinene	JA-Terpenes-Proprietary_SOP_JA.019
Moisture Content	JA-Moisture Content-Proprietary_SOP_JA.004
Water Activity	JA-Water Activity-Proprietary_SOP_JA.002



Accredited Laboratory

A2LA has accredited

JUNIPER ANALYTICS LLC

Bend, OR

for technical competence in the field of

Chemical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 2nd day of December 2019.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 5182.01
Valid to September 30, 2021

For the tests to which this accreditation applies, please refer to the laboratory's Chemical Scope of Accreditation.