

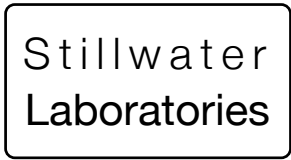
# Agent Orange



1/19/21 harvest date

total cannabinoids **25.2%**  
 CBD 0.05% THC 24.17%  
 decarb total .05% 21.24%  
 1A4080100000A8D000000907

This Product Has Been Tested and Meets the Quality Assurance Requirements of the State of Montana



https://portal.a2la.org/scopepdf/4961-01.pdf

## Sample Handling

test ID **S0CPU** sample date 1/25/21 12:44 PM  
 order **9616** labID **1AV24** weight 1.4 g  
 source 1A4080100000A8D000000905

## Methods

method	equipment
weights MSP-7.3.1.3	AUX120.1
potency MSP-7.5.1.5	LC-2030
terpenes MSP-7.5.1.7	QP2020/HS20
pesticides MSP-7.5.1.8	LC-8060
mycotoxins MSP-7.5.1.8	LC-8060
microbial MSP-7.5.1.1	AriaMx/Hardy
solvents MSP-7.5.1.6	QP2020/HS20
metals MSP-7.5.1.11	ICPMS2030

## flower

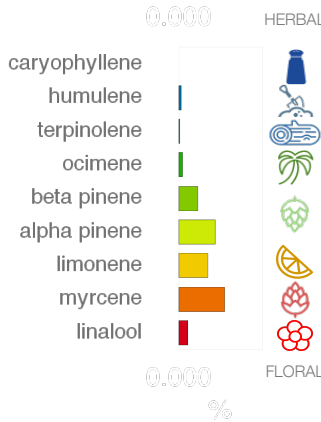
moisture **10.00%**

**PASS**

stems >3mm dia **0.00%**

seeds **0.00%**

**PASS**



## bud



## Potency

	%	estimated error
tetrahydrocannabinolic acid (THCa)	23.85%	± 0.40 %
Δ <sup>9</sup> -tetrahydrocannabinol (Δ <sup>9</sup> THC)	.32%	± 0.05 %
Δ <sup>8</sup> -tetrahydrocannabinol (Δ <sup>8</sup> THC)	0%	± 0.02 %
tetrahydrocannabivarin (THCv)	0%	± 0.02 %
cannabidiolic acid (CBDa)	.05%	± 0.02 %
cannabidiol (CBD)	0%	± 0.02 %
cannabidivarin (CBDv)	.03%	± 0.02 %
cannabigerolic acid (CBGa)	.52%	± 0.06 %
cannabigerol (CBG)	.09%	± 0.03 %
cannabinol (CBN)	.33%	± 0.05 %
cannabichromene (CBC)	0%	± 0.02 %

## Terpenes

	%	estimated error		%	estimated error		%	estimated error
β-myrcene	0.272%	± 0.0056%	camphene	0.007%	± 0.0019%	guaiol	0.005%	± 0.0018%
β-caryophyllene	0.000%	± 0.0016%	Δ <sup>3</sup> -carene	0.000%	± 0.0016%	β-bisabolol	0.004%	± 0.0018%
alpha-pinene	0.217%	± 0.0051%	a-terpinene	0.000%	± 0.0016%	eucalyptol	0.000%	± 0.0017%
β-pinene	0.111%	± 0.0038%	para-cymene	0.001%	± 0.0017%			
D-limonene	0.172%	± 0.0046%	g-terpinene	0.001%	± 0.0017%			
linalool	0.051%	± 0.0028%	(-)-isopulegol	0.000%	± 0.0016%	total terpenes		
ocimene	0.021%	± 0.0045%	geraniol	0.000%	± 0.0016%			
terpinolene	0.002%	± 0.0017%	cis-nerolidol	0.000%	± 0.0016%			
alpha-humulene	0.013%	± 0.0020%	trans-nerolidol	0.001%	± 0.0017%			

**0.88%**

## Solvents

solvents not tested / not required

## Pesticides (MT)

Pesticides (MT)	MT limit	1AV24	LOQ
abamectin	0.50 ppm	0.00 ppm	<10ppb
acequinocyl	2.00 ppm	0.00 ppm	<10ppb
bifenazate	0.20 ppm	0.00 ppm	<10ppb
bifenthrin	0.20 ppm	0.00 ppm	<10ppb
chlormequat cl.	1.00 ppm	0.00 ppm	<10ppb
cyfluthrin	1.00 ppm	0.00 ppm	<80ppb
diaminozide	1.00 ppm	0.00 ppm	<10ppb
etoxazole	0.20 ppm	0.00 ppm	<10ppb
fenoxycarb	0.20 ppm	0.00 ppm	<10ppb
imazalil	0.20 ppm	0.00 ppm	<10ppb
imidacloprid	0.40 ppm	0.00 ppm	<10ppb
myclobutanil	0.20 ppm	0.00 ppm	<10ppb
paclobutrazol	0.40 ppm	0.00 ppm	<10ppb
pyrethrins	1.00 ppm	0.00 ppm	<10ppb
spinosad	0.20 ppm	0.00 ppm	<10ppb
spiromesifen	0.20 ppm	0.00 ppm	<10ppb
spirotetramat	0.20 ppm	0.00 ppm	<10ppb
trifloxystrobin	0.20 ppm	0.00 ppm	<10ppb

## Pesticides (other)

## Toxic Metals

metals not tested / not required

## Microbial

Microbial	MT limit	1AV24	LOQ
E. coli	10 CFU	0 CFU	<10 CFU/g
Salmonella sp.	10 CFU	0 CFU	<10 CFU/g
molds	10000 CFU	0 CFU	<10k CFU/g
Aflatoxin B1,B2,G1,G2	20 ppb	0 ppb	<20 ppb
Ochratoxin A	20 ppb	0 ppb	<20 ppb

## Comments

Certified by:

Justin M Johnston  
 Deputy Director  
 6073 US93N, Olney MT 59927  
 406-881-2019 rdb@stwlabs.com

Printed 1/27/2021 12:55 PM

• All testing was completed onsite at 6073 US93N, Olney MT •• Potency (cannabinoid concentration) is calculated from the equation: [cannabinoid] = [cannabinoid]<sub>HPLC</sub> x volume<sub>dilution</sub> / m<sub>dry</sub>. Terpene concentration is calculated from the equation: [terpene] = (terpene mass)<sub>GCMS</sub> / m<sub>dry</sub>. ••• Decarboxyted cannabinoid concentration is calculated from the equation XXX<sub>total</sub> = 0.877 x XXX<sub>a</sub> + XXX •••• Standards are used to calibrate the resulting data and estimate error using a standard estimate of error method; this is combined with error from weighing and dilution using the propagation of error formula S<sub>g</sub><sup>2</sup> = Σ (∂f/∂i)<sup>2</sup> S<sub>i</sub><sup>2</sup> where i is the contributor to error. The 95% confidence range is calculated from the equation: (concentration) ± t<sub>CL90</sub> X S<sub>g</sub>. Sampling error is not