

Salve-1oz S10Z500

Certificate of Analysis



total cannabinoids
527 mg
 per
ounce

Δ^9 -THC 0.0 mg THCa 0.0 mg total THC 0.0 mg
 CBD 514.5 mg CBDa 0.0 mg total CBD 514.5 mg

This Product
 Has Been
 Tested and
 Complies with
 7USC1639o(1)
 Definition of
 Hemp



Stillwater
 Laboratories

Lot# 20279-11

<https://portal.a2ia.org/scopepdf/4961-01.pdf>

Sample Handling

test ID sample wt 28.4 g
 type topical order 8571
 lab ID OKF98 sample date 10/8/2020
 unit ounce unit weight 28.4 g

topical



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-7.5.1.1	ICPMS2030

Potency

	per ounce	estimated error	Terpenes	%	estimated error	%	estimated error	%	estimated error
tetrahydrocannabinolic acid (THCa)	0%	0.0 mg ± 0.47 mg							
Δ^9 -tetrahydrocannabinol (Δ^9 THC)	0%	0.0 mg ± 0.47 mg							
Δ^8 -tetrahydrocannabinol (Δ^8 THC)	0%	0.0 mg ± 0.47 mg							
tetrahydrocannabivarin (THCv)	0%	0.0 mg ± 0.47 mg							
cannabidiolic acid (CBDa)	0%	0.0 mg ± 0.47 mg	terpenes						
cannabidiol (CBD)	1.81%	514.5 mg ± 3.59 mg	not tested / not required						
cannabidivarin (CBDv)	0%	0.0 mg ± 0.47 mg							
cannabigerolic acid (CBGa)	0%	0.0 mg ± 0.47 mg							
cannabigerol (CBG)	.05%	12.9 mg ± 0.73 mg							
cannabinol (CBN)	0%	0.0 mg ± 0.47 mg							
cannabichromene (CBC)	0%	0.0 mg ± 0.47 mg							

Solvents

MT limit OKF98 LOQ

Pesticides (MT)

MT limit OKF98 LOQ

Pesticides (other)

OKF98 LOQ

abamectin	0.00 ppm	<10ppb	acephate	0.00 ppm	<10ppb
acequinocyl	0.00 ppm	<10ppb	acetamiprid	0.00 ppm	<10ppb
bifenazate	0.00 ppm	<10ppb	aldicarb	0.00 ppm	<10ppb
bifenthrin	0.00 ppm	<10ppb	azoxystrobin	0.00 ppm	<10ppb
chlormequat cl.	0.00 ppm	<10ppb	boscalid	0.00 ppm	<10ppb
cyfluthrin	0.00 ppm	<80ppb	carbaryl	0.00 ppm	<10ppb
diaminonozide	0.00 ppm	<10ppb	carbofuran	0.00 ppm	<10ppb
etoxazole	0.00 ppm	<10ppb	chlorantraniliprole	0.00 ppm	<10ppb
fenoxycarb	0.00 ppm	<10ppb	chlorpyrifos	0.00 ppm	<10ppb
imazalil	0.00 ppm	<10ppb	clofentezine	0.00 ppm	<10ppb
imidacloprid	0.00 ppm	<10ppb	cypermethrin	0.00 ppm	<10ppb
myclobutanil	0.00 ppm	<10ppb	diazinon	0.00 ppm	<10ppb
paclobutrazol	0.00 ppm	<10ppb	dichlorvos	0.00 ppm	<10ppb
pyrethrins	0.00 ppm	<10ppb	dimethoate	0.00 ppm	<10ppb
spinosad	0.00 ppm	<10ppb	etofenprox	0.00 ppm	<10ppb
spiromesifen	0.00 ppm	<10ppb	fenpyroximate	0.00 ppm	<10ppb
spirotetramat	0.00 ppm	<10ppb	flpronil	0.00 ppm	<10ppb
trifloxystrobin	0.00 ppm	<10ppb	flonicamid	0.00 ppm	<10ppb
			fludioxonil	0.00 ppm	<10ppb
			hexythiazox	0.00 ppm	<10ppb
			kresoxym-methyl	0.00 ppm	<10ppb
			malathion	0.00 ppm	<10ppb
			metalaxyl	0.00 ppm	<10ppb
			methiocarb	0.00 ppm	<10ppb
			methomyl	0.00 ppm	<10ppb
			oxamyl	0.00 ppm	<10ppb
			permethrins	0.00 ppm	<10ppb
			phosmet	0.00 ppm	<10ppb
			piperonyl butoxide	0.00 ppm	<10ppb
			prallethrin	0.00 ppm	<10ppb
			propiconazole	0.00 ppm	<10ppb
			pyridaben	0.00 ppm	<10ppb
			spiroxamine	0.00 ppm	<10ppb
			tebuconazole	0.00 ppm	<10ppb
			thiacloprid	0.00 ppm	<10ppb
			thiamethoxam	0.00 ppm	<10ppb

Toxic Metals

MT limit OKF98 LOQ

arsenic	2 ppm	0.0 ppm	<10ppb
cadmium	4.1 ppm	0.0 ppm	<10ppb
lead	1.2 ppm	0.0 ppm	<10ppb
mercury	0.4 ppm	0.0 ppm	<10ppb

Microbial

MT limit OKF98 LOQ

<i>E. coli</i>	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

• All testing was completed onsite at 6073 US93N, Olney MT • Potency (cannabinoid concentration) is calculated from the equation: [cannabinoid] = [cannabinoid]_{HPLC} x volume_{dilution}/m_{dry}. Terpene concentration is calculated from the equation: [terpene] = (terpene mass)_{GCMS} / m_{dry}. ••• Decarboxylated cannabinoid concentration is calculated from the equation XXX_{total} = 0.877 x XXX_a + 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_y² = Σ (∂f/∂i)² S_i² where i is the contributor to error. The 95% confidence range is calculated from the equation: (concentration) ± t_{CL90} X S_y. Sampling error is not

Certified by:

Kyle Larson, MSc (Biology)
 Deputy Director
 6073 US93N, Olney MT 59927
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B0914-001

Certificate of Analysis



total cannabinoids 86.4% 24643 CBD total 84.4% THC 0.0% decarb total 84.23% 0%

This Product Has Been Tested and Complies with 7USC1639o(1) Definition of Hemp



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Sample Handling

test ID 8356 sample date 9/15/20 2:05 PM labID OJK39 weight source

Methods

Table with 3 columns: method, equipment, and various test parameters like weights, potency, terpenes, pesticides, mycotoxins, microbial, solvents, metals.

concentrate



Potency and Terpenes table with columns for compound name, percentage, and estimated error.

terpenes not tested / not required

Solvents, Pesticides (MT), and Pesticides (other) table with columns for compound name, MT limit, OJK39 result, and LOQ.

Toxic Metals and Microbial table with columns for compound name, MT limit, OJK39 result, and LOQ.

microbial not tested

* All testing was completed onsite at 6073 US93N, Olney MT. ** Potency (cannabinoid concentration) is calculated from the equation: [cannabinoid] = [cannabinoid]_HPLC x volume_dilution / m_dry.

Certified by:

Signature of Kyle Larson

Kyle Larson, MSc (Biology) Deputy Director 6073 US93N, Olney MT 59927 406-881-2019 rdb@stlwlabs.com

Table listing various pesticides and their results, including acephate, acetamidiprod, aldicarb, azoxystrobin, boscalid, carbaryl, carbofuran, chlorpyrifos, cyfluthrin, cypermethrin, diazinon, dichlorvos, dimethoate, etofenprox, fenpyroximate, fipronil, flonicamid, fludioxonil, hexythiazox, kresoxym-methyl, malathion, metalaxyl, methiocarb, methomyl, oxamyl, permethrins, phosmet, piperonyl butoxide, prallethrin, propiconazole, pyridaben, spiroxamine, tebuconazole, thiacloprid, thiamethoxam.