



Strawberry Banana

3/24/19 HD

Montana Certificate of Analysis

S9CXE Good Deeds Organics LLC

Stillwater Laboratories Inc. MMJ Laboratory License L-00001

total cannabinoids		THC	CBD	total terpenes
32.2%	total	30.6%	0.9%	2.00%
	decarb total	26.9%	1.1%	

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

1A408010000A8D000000370

hybrid



Sample Handling

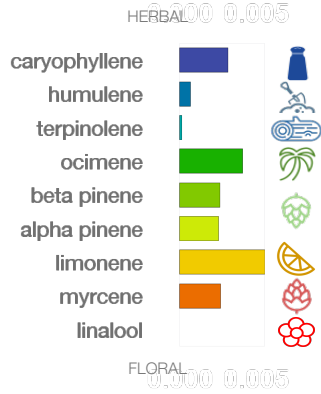
type	hybrid	order number	4110
lab ID	9DA58	sample date	3/29/2019
location	Grow	test date	4/1/2019

Potency

		esti error	
tetrahydrocannabinolic acid (THCa)	30.32%	± 0.46	%
Δ ⁹ -tetrahydrocannabinol (Δ ⁹ THC)	0.21%	± 0.04	%
Δ ⁸ -tetrahydrocannabinol (Δ ⁸ THC)	0.05%	± 0.03	%
tetrahydrocannabivarin (THCv)	0.00%	± 0.02	%
cannabidiolic acid (CBDa)	1.06%	± 0.09	%
cannabidiol (CBD)	0.00%	± 0.02	%
cannabidivarin (CBDv)	0.01%	± 0.02	%
cannabigerolic acid (CBGa)	0.34%	± 0.05	%
cannabigerol (CBG)	0.07%	± 0.03	%
cannabinol (CBN)	0.18%	± 0.04	%
cannabichromene (CBC)	0.00%	± 0.02	%

Terpenes

	%	estimated error		%	estimated error
beta-myrcene	0.238%	± 0.0053 %	camphene	0.039%	± 0.0026 %
beta-caryophyllene	0.282%	± 0.0057 %	Δ3-carene	0.000%	± 0.0016 %
alpha-pinene	0.228%	± 0.0052 %	a-terpinene	0.000%	± 0.0016 %
beta-pinene	0.238%	± 0.0053 %	para-cymene	0.007%	± 0.0019 %
D-limonene	0.511%	± 0.0076 %	g-terpinene	0.000%	± 0.0017 %
linalool	0.000%	± 0.0016 %	(-)-isopulegol	0.000%	± 0.0016 %
ocimene	0.372%	± 0.0130 %	geraniol	0.000%	± 0.0016 %
terpinolene	0.011%	± 0.0020 %	cis-nerolidol	0.000%	± 0.0016 %
alpha-humulene	0.063%	± 0.0031 %	trans-nerolidol	0.001%	± 0.0017 %
			guaial	0.000%	± 0.0016 %
			beta-bisabolol	0.004%	± 0.0018 %
			eucalyptol	0.000%	± 0.0016 %
			caryophyllene oxide	0.000%	± 0.0016 %



moisture 7.02% PASS

stems >3mm diameter 0.00% PASS

seeds 0.00%

Methods

method	%	equipment
sampling		/Users/ronbrost/sync
FMI	IN9DM	
weights	MA9DM	AUX120.2
potency	8E4.lcm	LC-2030C
pesticides	MA9DM	LC-8060
mycotoxins	MY9DM	LC-8060
microbial	MI9DAS	Hardy Diagnostics
solvents	SO9DM	

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}. ••• Decarboxyated 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_g² = Σ(∂f/∂i)²s_i² where i is the contributor to error. The 95% confidence range is calculated from the equation: (concentration) ± t_{CL90} x s_g. Sampling error is not considered in error calculations.

Contaminants

	MT limit	9DA58	LOQ
abamectin	0.50 ppm	0.00 ppm	<70ppb
acequinocyl	2.00 ppm	0.00 ppm	<70ppb
bifenazate	0.20 ppm	0.00 ppm	<70ppb
bifenthrin	0.20 ppm	0.00 ppm	<70ppb
chlormequat cl.	1.00 ppm	0.00 ppm	<70ppb
cyfluthrin	1.00 ppm	0.00 ppm	<70ppb
diaminozide	1.00 ppm	0.00 ppm	<70ppb
etoxazole	0.20 ppm	0.00 ppm	<70ppb
fenoxycarb	0.20 ppm	0.00 ppm	<70ppb
imazalil	0.20 ppm	0.00 ppm	<70ppb
imidacloprid	0.40 ppm	0.00 ppm	<70ppb
myclobutanil	0.20 ppm	0.00 ppm	<70ppb
paclobutrazol	0.40 ppm	0.00 ppm	<70ppb
pyrethrins	1.00 ppm	0.00 ppm	<70ppb
spinosad	0.20 ppm	0.00 ppm	<70ppb
spiromesifen	0.20 ppm	0.00 ppm	<70ppb
spirotetramat	0.20 ppm	0.00 ppm	<70ppb
trifloxystrobin	0.20 ppm	0.00 ppm	<70ppb
Aflatoxin B1, B2, G1, G2	20 ppb	0 ppb	<20 ppb
Ochratoxin A	20 ppb	0 ppb	<20 ppb
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

Certified by:

Ron Brost

Ron D. Brost, PhD (Chem) PEng (Chem)
 Director and Owner, Stillwater Laboratories Inc.
 406-881-2019 rdb@stwlabs.com

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