

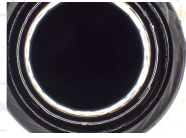
certificate ID
1HD62

21227A

7USC1639 Certificate of Analysis

Super Snouts Hemp Company

sample ID
source ID **1Z78V4E80198510939**



total cannabinoids **per** **THC‡ ND**
117.0mg **30mL** **CBD‡ 106.0mg**

Stillwater
Laboratories



order **11473** rec'd **8/6/2021 1:11:26 PM**

Report Version: 1
Analysis Location: L-00001

Potency per	30mL	MSP-7.5.1.4	LOD	LOQ	error (95%CI k=2)	result
total cannabinoids	117.0mg		0.03	0.08	±2.17mg	
total THC‡	ND		0.03	0.08	±0.08mg	
total THC (THC+THCa)	ND		0.03	0.08	±0.08mg	
total CBD‡	106.0mg		0.03	0.08	±1.97mg	
total CBD (CBD+CBDA)	106.2mg		0.03	0.08	±1.98mg	
tetrahydrocannabinolic acid (THCa)	ND		0.03	0.08	±0.08mg	
Δ9-tetrahydrocannabinol (Δ9 THC)	ND		0.02	0.07	±0.07mg	
Δ8-tetrahydrocannabinol (Δ8 THC)	ND		0.03	0.10	±0.10mg	
tetrahydrocannabivarin (THCv)	ND		0.03	0.08	±0.08mg	
cannabidiolic acid (CBDA)	1.6mg		0.02	0.07	±0.10mg	
cannabidiol (CBD)	104.6mg		0.03	0.08	±1.95mg	
cannabidivarin (CBDv)	0.2mg		0.03	0.08	±0.08mg	
cannabigerolic acid (CBGA)	ND		0.02	0.07	±0.07mg	
cannabigerol (CBG)	8.4mg		0.01	0.02	±0.17mg	
cannabinol (CBN)	0.7mg		0.01	0.04	±0.05mg	
cannabichromene (CBC)	1.5mg		0.03	0.08	±0.10mg	

Microbial	MSP-7.5.1.10	limit	LOD	LOQ	error	result
E.coli	ND	OCFU	0.0	0.1	±0.1CFU	PASS
Salmonella sp.	ND	OCFU	0.0	0.1	±0.1CFU	PASS
molds	ND	10000CFU	2.0	5.9	±5.9CFU	PASS
Ochratoxin A	ND	20 ppb	0.25	1.0	±1.0%	PASS
Aflatoxin B1B2G1G2	ND	20 ppb	0.25	1.0	±1.0%	PASS

Solvents	MSP-7.5.1.7	limit	LOD	LOQ	error	result
Acetone	ND	5000 ppm	0.7	2.1	±2.1 ppm	PASS
Acetonitrile	ND	410 ppm	0.6	1.9	±1.9 ppm	PASS
Benzene	ND	0 ppm	0.0	0.1	±0.1 ppm	PASS
Butane	ND	5000 ppm	1.4	4.2	±4.2 ppm	PASS
Chloroform	ND	0 ppm	0.1	0.2	±0.2 ppm	PASS
Cyclohexane	ND	0 ppm	0.5	1.6	±1.6 ppm	PASS
Ethanol	ND	10000 ppm	0.7	2.1	±2.1 ppm	PASS
Heptane	ND	5000 ppm	0.4	1.2	±1.2 ppm	PASS
Hexane	ND	290 ppm	0.5	1.6	±1.6 ppm	PASS
Isopropyl alcohol	ND	5000 ppm	0.6	1.9	±1.9 ppm	PASS
Methanol	ND	3000 ppm	0.5	1.6	±1.6 ppm	PASS
Pentane	ND	5000 ppm	0.2	0.6	±0.6 ppm	PASS
Propane	ND	5000 ppm	0.5	1.6	±1.6 ppm	PASS
Toluene	ND	890 ppm	0.3	0.9	±0.9 ppm	PASS
Xylenes	ND	2170 ppm	0.3	1.0	±1.0 ppm	PASS

Metals	MSP-7.5.1.11	limit	LOD	LOQ	error	result
Arsenic	ND	1500 ppb	7.9	23.7	±23.7 ppb	PASS
Cadmium	ND	500 ppb	8.5	25.5	±25.5 ppb	PASS
Lead	ND	500 ppb	13.3	39.8	±39.8 ppb	PASS
Mercury	ND	300 ppb	6.7	20.0	±20.0 ppb	PASS

Pesticides	MSP-7.5.1.8	limit	LOD	LOQ	error	result
Pyrethrin	ND	1.00 ppm	0.002	0.006	±0.006 ppm	PASS
Pyridaben	ND	3.00 ppm	0.001	0.002	±0.002 ppm	PASS
Spinetoram	ND	3.00 ppm	0.003	0.008	±0.008 ppm	PASS
Spinosad	ND	3.00 ppm	0.005	0.015	±0.015 ppm	PASS
Spiromesifen	ND	12.00 ppm	0.002	0.007	±0.007 ppm	PASS
Spirotetramat	ND	13.00 ppm	0.002	0.005	±0.005 ppm	PASS
Spiroxamine	ND	0.00 ppm	0.001	0.002	±0.002 ppm	PASS
Tebuconazole	ND	2.00 ppm	0.004	0.012	±0.012 ppm	PASS
Thiacloprid	ND	0.10 ppm	0.001	0.002	±0.002 ppm	PASS
Thiamethoxam	ND	4.50 ppm	0.002	0.007	±0.007 ppm	PASS
Trifloxystrobin	ND	30.00 ppm	0.002	0.005	±0.005 ppm	PASS

Pesticides	MSP-7.5.1.8	limit	LOD	LOQ	error	result
Abamectin	ND	0.30 ppm	0.005	0.016	±0.016 ppm	PASS
Acephate	ND	5.00 ppm	0.006	0.017	±0.017 ppm	PASS
Acequinocyl	ND	4.00 ppm	0.005	0.015	±0.015 ppm	PASS
Acetamiprid	ND	5.00 ppm	0.004	0.012	±0.012 ppm	PASS
Aldicarb	ND	0.00 ppm	0.002	0.005	±0.005 ppm	PASS
Azoxystrobin	ND	40.00 ppm	0.002	0.005	±0.005 ppm	PASS
Bifenazate	ND	5.00 ppm	0.001	0.004	±0.004 ppm	PASS
Bifenthrin	ND	0.50 ppm	0.001	0.002	±0.002 ppm	PASS
Boscalid	ND	10.00 ppm	0.016	0.047	±0.047 ppm	PASS
Carbaryl	ND	0.50 ppm	0.006	0.019	±0.019 ppm	PASS
Carbofuran	ND	0.00 ppm	0.001	0.004	±0.004 ppm	PASS
Chlorantraniliprole	ND	40.00 ppm	0.015	0.045	±0.045 ppm	PASS
Chlorfenapyr	ND	0.00 ppm	0.004	0.012	±0.012 ppm	PASS
Chlorpyrifos	ND	0.00 ppm	0.031	0.094	±0.094 ppm	PASS
Clofentezine	ND	0.50 ppm	0.006	0.017	±0.017 ppm	PASS
Coumaphos	ND	0.00 ppm	0.004	0.012	±0.012 ppm	PASS
Cyfluthrin	ND	1.00 ppm	0.006	0.017	±0.017 ppm	PASS
Cypermethrin	ND	1.00 ppm	0.004	0.012	±0.012 ppm	PASS
Daminozide	ND	0.00 ppm	0.021	0.064	±0.064 ppm	PASS
Dichlorvos	ND	0.00 ppm	0.011	0.033	±0.033 ppm	PASS
Diazinon	ND	0.20 ppm	0.001	0.003	±0.003 ppm	PASS
Dimethoate	ND	0.00 ppm	0.002	0.005	±0.005 ppm	PASS
Etoxazole	ND	1.50 ppm	0.003	0.009	±0.009 ppm	PASS
Fenoxycarb	ND	0.00 ppm	0.003	0.008	±0.008 ppm	PASS
Fenpyroximate	ND	2.00 ppm	0.001	0.003	±0.003 ppm	PASS
Fipronil	ND	0.00 ppm	0.006	0.017	±0.017 ppm	PASS
Fonicamid	ND	2.00 ppm	0.076	0.228	±0.228 ppm	PASS
Fludioxonil	ND	30.00 ppm	0.005	0.015	±0.015 ppm	PASS
Hexythiazox	ND	2.00 ppm	0.001	0.002	±0.002 ppm	PASS
Imazalil	ND	0.00 ppm	0.005	0.015	±0.015 ppm	PASS
Imidacloprid	ND	3.00 ppm	0.001	0.003	±0.003 ppm	PASS
Malathion	ND	5.00 ppm	0.004	0.012	±0.012 ppm	PASS
Metaxylol	ND	15.00 ppm	0.006	0.017	±0.017 ppm	PASS
Methiocarb	ND	0.00 ppm	0.003	0.008	±0.008 ppm	PASS
Methomyl	ND	0.10 ppm	<0.001	0.001	±0.001 ppm	PASS
Methyl parathion	ND	0.00 ppm	0.001	0.002	±0.002 ppm	PASS
Mevinphos	ND	0.00 ppm	0.004	0.012	±0.012 ppm	PASS
Myclobutanil	ND	9.00 ppm	0.001	0.002	±0.002 ppm	PASS
Naled	ND	0.50 ppm	0.004	0.012	±0.012 ppm	PASS
Oxamyl	ND	0.20 ppm	0.002	0.005	±0.005 ppm	PASS
Paclotbutrazol	ND	0.00 ppm	0.002	0.006	±0.006 ppm	PASS
Permethrin	ND	20.00 ppm	0.008	0.023	±0.023 ppm	PASS
Phosmet	ND	0.20 ppm	0.002	0.007	±0.007 ppm	PASS
Piperonylbutoxide	ND	8.00 ppm	0.008	0.024	±0.024 ppm	PASS
Prallethrin	ND	0.40 ppm	0.003	0.009	±0.009 ppm	PASS
Propiconazole	ND	20.00 ppm	0.003	0.009	±0.009 ppm	PASS
Propoxur	ND	0.00 ppm	0.004	0.013	±0.013 ppm	PASS

SECURITY FEATURE: WATERMARK MUST MATCH CERTIFICATE ID AND ISSUE DATE

Certified by:

Jacob Harris
QA Manager



https://customer.a2la.org/index.cfm?event=directory_detail&labPID=423635B2-5128-4C6F-871A-419DCF43B0D7

Stillwater Laboratories Inc.
MT License L0001, L00007
6073 US93N Suite 5, Olney MT 59927
406-881-2019

INSTRUMENTS: Potency by HPLC (LC2030C-UV), solvents and terpenes by GCMS (QP2020/HS20), pesticides and mycotoxins by LCMSMS (LC8060), microbial by qPCR (AriaMx) and plating (Hardy Diagnostics), metals by ICPMS (ICPMS-2030)

* All testing was completed onsite at 6073 US93N, Olney MT ** Potency (cannabinoid concentration) is calculated as: [cannabinoid] = [cannabinoid]_{HPLC} x volume_{dilution}/M_{dry}. ... Decarboxylated cannabinoid concentration is calculated 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; LOD is the limit of detection (3.3s_L), LOQ is the limit of quantification (3xLOD), and experimental error is calculated from weighing, dilution, and interpolation error using the formula s_e² = Σ (d_i/d_i)² s_e² where i is the contributor to error. The 95% confidence range is calculated from: (concentration) ± t_{CL90} x s_e. Sampling error is not considered in error calculations. ND = not detected (< LOD), NT = not tested, NL = no limit, NA = not applicable. ‡ = decarbed

Printed 8/30/2021 9:44 AM