

LOT#22BL04373

issue date 2/18/22 12:40 PM

This Product Has Been Tested and Complies with 7USC1639c(1)

Stillwater Laboratories

13166 order

total cannabinoids per bottle 921.8mg

total THC‡ ND total CBD‡ 864.2mg

Incoming Inspection MSP-7.5.1.2

DESCRIPTION: Capsule sample (17.24g) received 2/16/2022 2:35:35 PM in a client-labeled bottle, by commercial courier per Method 7.3.1.1. and as described in the Montana METRC Lab User Guide. 30 per container. Labeled LOT.



- caryophyllene, humulene, terpinolene, ocimene, beta pinene, alpha pinene, limonene, myrcene, linalool

SECURITY FEATURE: WATERMARK MUST MATCH CERTIFICATE ID AND ISSUE DATE

Potency table with columns: Potency, MSP-7.5.1.4, per bottle, LOD, LOQ, error. Rows include total cannabinoids, total THC, total CBD, and various cannabinoids.

Terpenes table with columns: Terpenes, MSP-7.5.1.6, LOD, LOQ, error. Rows include total terpenes and various terpene types like linalool, beta-myrcene, etc.

Pass / Fail Criteria

Microbial (Plating) MSP-7.5.1.10 FAIL: no failures PASS: E.coli, Salmonella sp., molds

Mycotoxins MSP-7.5.1.8 FAIL: no failures PASS: Ochratoxin A, Aflatoxin B1B2G1G2, Aflatoxin B1, Aflatoxin B2, Aflatoxin G1. Moisture MSP-7.5.1.3 not required / not requested

Metals MSP-7.5.1.7 FAIL: no failures PASS: Arsenic, Cadmium, Lead, Mercury

Pesticides MSP-7.5.1.8 FAIL: no failures PASS: Abamectin, Acephate, Acequinocyl, Acetamidprid, Aldicarb, Azoxystrobin, Bifenazate, Bifenthrin, Boscalid, Carbaryl, Carbofuran, Chloanthraniliprole, Chlorpyrifos, Clofentezine, Coumaphos, Cyfluthrin, Cypermethrin, Daminozide, Dichlorvos, Diazinon, Dimethoate, Etoxazole, Fenoxycarb, Fenpyroximate, Fipronil, Flonicamid, Fludioxonil, Hexythiazox, Imazalil, Imidacloprid, Malathion, Metalaxyl, Methiocarb, Methomyl, Mevinphos, Myclobutanil, Naled, Oxamyl, Paclobutrazol, Permethrin, Phosmet, Piperonylbutoxide, Prallethrin, Propiconazole, Propoxur, Pyrethrin, Pyridaben, Spinetoram, Spinosad, Spiromesifen, Spirotetramat, Spiroxamine, Tebuconazole, Thiocloprid, Thiamethoxam, Trifloxystrobin

Solvents MSP-7.5.1.7 FAIL: no failures PASS: Acetone, Acetonitrile, Benzene, Butane, Chloroform, Cyclohexane, Ethanol, Heptane, Hexane, Isopropyl alcohol, Methanol, Pentane, Propane, Toluene, Xylenes

These results are only valid for the samples tested. • Potency (cannabinoid concentration) is calculated as: [cannabinoid] = [cannabinoid]HPLC X volume_dilution / m_dry. ** Decarboxyted cannabinoid concentration is calculated XXX_total = 0.877 x XXXa + 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), LOQ is the limit of quantification (3xLOD), and experimental error is calculated from weighing, dilution, and interpolation error using the formula s_g^2 = sum((df/di)^2 * s_i^2) where i is the contributor to error. The 95% confidence range is calculated from: (concentration) +/- t_CL90 * X * S_g. Sampling error is not considered in error calculations. ND = not detected (< LOD), NT = not tested, NL = no limit, NA = not applicable. ‡ = decarbed, * = analyte is off-scope.

Analysis Location: L-00001

Certified by:



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

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certificate ID
2BN111

ANALYTICAL DATA

Stillwater
Laboratories

Corganics 25mg Softgels

LOT#22BL04373

Report Version: 1
Analysis Location: L-00001

13166
order

order 13166
rec'd date 2/16/2022 2:35:35 PM
issue date 2/18/2022 12:40:55 PM

Methods and Instruments

MSP-7.3.1.1	BAL-05	2/16/2022	MSP-7.5.1.7	QP2020/HS20	2/17/2022	L-00001
MSP-7.5.1.2	YSC HD801m12	2/17/2022	MSP-7.5.1.8	LCMS8060	2/17/2022	
MSP-7.5.1.3	6MOC63u	2/17/2022	MSP-7.5.1.8	LCMS8060	2/17/2022	
MSP-7.5.1.4	LC-2030C	2/17/2022	MSP-7.5.1.10A	Hardy Diag	2/17/2022	
MSP-7.5.1.6	QP2020/HS20	2/17/2022	MSP-7.5.1.11	ICPMS2030	2/17/2022	

Mycotoxins

MSP-7.5.1.8	limit	LOD	LOQ	error	result
Ochratoxin A	ND	20 ppb	0.4	1.3 ±1.3 ppb	PASS
Aflatoxin B1B2G1G2	ND	20 ppb	0.4	1.3 ±1.3 ppb	PASS

Microbial (Plating) MSP-7.5.1.10

MSP-7.5.1.10	limit	LOD	LOQ	error	result
E.coli	ND	0CFU	0.1	0.2 ±0.2CFU	PASS
Salmonella sp.	ND	0CFU	0.1	0.2 ±0.2CFU	PASS
molds	ND	10000CFU	2.9	8.8 ±8.8CFU	PASS

Solvents

MSP-7.5.1.7	limit	LOD	LOQ	error	result
Acetone	ND	5000 ppm	0.5	1.6 ±1.6 ppm	PASS
Acetonitrile	ND	410 ppm	0.5	1.5 ±1.5 ppm	PASS
Benzene	ND	0 ppm	0.0	1.0 ±0.1 ppm	PASS
Butane	ND	5000 ppm	1.1	3.3 ±3.3 ppm	PASS
Chloroform	ND	0 ppm	0.1	0.2 ±0.2 ppm	PASS
Cyclohexane	ND	0 ppm	0.4	1.3 ±1.3 ppm	PASS
Ethanol	ND	10000 ppm	0.6	1.7 ±1.7 ppm	PASS
Heptane	ND	5000 ppm	0.3	1.0 ±1.0 ppm	PASS
Hexane	ND	290 ppm	0.4	1.2 ±1.2 ppm	PASS
Isopropyl alcohol	ND	5000 ppm	0.5	1.5 ±1.5 ppm	PASS
Methanol	ND	3000 ppm	0.4	1.3 ±1.3 ppm	PASS
Pentane	ND	5000 ppm	0.2	0.5 ±0.5 ppm	PASS
Propane	ND	5000 ppm	0.4	1.3 ±1.3 ppm	PASS
Toluene	ND	890 ppm	0.2	0.7 ±0.7 ppm	PASS
Xylenes	ND	2170 ppm	0.3	0.8 ±0.8 ppm	PASS

Metals

MSP-7.5.1.7	limit	LOD	LOQ	error	result
Arsenic	ND	1500 ppb	2.8	8.4 ±8.4 ppb	PASS
Cadmium	ND	500 ppb	3.0	9.1 ±9.1 ppb	PASS
Lead	ND	500 ppb	4.7	14.1 ±14.1 ppb	PASS
Mercury	ND	300 ppb	2.4	7.1 ±7.1 ppb	PASS

These results are only valid for the samples tested. 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_i), LOQ is the limit of quantification (3xLOD), and experimental error is calculated from weighing, dilution, and interpolation error using the formula $s_g^2 = \sum (\partial f / \partial i)^2 s_i^2$ where i is the contributor to error. The 95% confidence range is calculated from: (concentration) ± t_{CL90} × s_g. Sampling error is not considered in error calculations. ND = not detected (< LOD), NT = not tested, NL = no limit, NA = not applicable.

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Pesticides

MSP-7.5.1.8	limit	LOD	LOQ	error	result
Abamectin	ND	0.30 ppm	0.007	0.022 ±0.022 ppm	PASS
Acephate	ND	5.00 ppm	0.008	0.023 ±0.023 ppm	PASS
Acequinocyl	ND	4.00 ppm	0.006	0.019 ±0.019 ppm	PASS
Acetamiprid	ND	5.00 ppm	0.005	0.015 ±0.015 ppm	PASS
Aldicarb	ND	0.00 ppm	0.002	0.006 ±0.006 ppm	PASS
Azoxystrobin	ND	40.00 ppm	0.002	0.006 ±0.006 ppm	PASS
Bifenazate	ND	5.00 ppm	0.002	0.005 ±0.005 ppm	PASS
Bifenthrin	ND	0.50 ppm	0.001	0.003 ±0.003 ppm	PASS
Boscalid	ND	10.00 ppm	0.021	0.062 ±0.062 ppm	PASS
Carbaryl	ND	0.50 ppm	0.008	0.025 ±0.025 ppm	PASS
Carbofuran	ND	0.00 ppm	0.002	0.005 ±0.005 ppm	PASS
Chlorantraniliprole	ND	40.00 ppm	0.020	0.059 ±0.059 ppm	PASS
Chlorfenapyr	NT	0.00 ppm			NA
Chlorpyrifos	ND	0.00 ppm	0.041	0.123 ±0.123 ppm	PASS
Clofentezine	ND	0.50 ppm	0.008	0.023 ±0.023 ppm	PASS
Coumaphos	ND	0.00 ppm	0.005	0.016 ±0.016 ppm	PASS
Cyfluthrin	ND	1.00 ppm	0.007	0.022 ±0.022 ppm	PASS
Cypermethrin	ND	1.00 ppm	0.005	0.016 ±0.016 ppm	PASS
Daminozide	ND	0.00 ppm	0.028	0.084 ±0.084 ppm	PASS
Dichlorvos	ND	0.00 ppm	0.014	0.043 ±0.043 ppm	PASS
Diazinon	ND	0.20 ppm	0.001	0.003 ±0.003 ppm	PASS
Dimethoate	ND	0.00 ppm	0.002	0.006 ±0.006 ppm	PASS
Etoxazole	ND	1.50 ppm	0.004	0.011 ±0.011 ppm	PASS
Fenoxycarb	ND	0.00 ppm	0.004	0.011 ±0.011 ppm	PASS
Fenpyroximate	ND	2.00 ppm	0.001	0.003 ±0.003 ppm	PASS
Fipronil	ND	0.00 ppm	0.008	0.023 ±0.023 ppm	PASS
Flonicamid	ND	2.00 ppm	0.099	0.298 ±0.298 ppm	PASS
Fludioxonil	ND	30.00 ppm	0.007	0.020 ±0.020 ppm	PASS
Hexythiazox	ND	2.00 ppm	0.001	0.003 ±0.003 ppm	PASS
Imazail	ND	0.00 ppm	0.007	0.020 ±0.020 ppm	PASS
Imidacloprid	ND	3.00 ppm	0.001	0.004 ±0.004 ppm	PASS
Malathion	ND	5.00 ppm	0.005	0.015 ±0.015 ppm	PASS
Metaxyl	ND	15.00 ppm	0.008	0.023 ±0.023 ppm	PASS
Methiocarb	ND	0.00 ppm	0.004	0.011 ±0.011 ppm	PASS
Methomyl	ND	0.10 ppm	0.001	0.002 ±0.002 ppm	PASS
Methyl parathion	NT	0.00 ppm			NA
Mevinphos	ND	0.00 ppm	0.005	0.016 ±0.016 ppm	PASS
Myclobutanil	ND	9.00 ppm	0.001	0.003 ±0.003 ppm	PASS
Naled	ND	0.50 ppm	0.005	0.016 ±0.016 ppm	PASS
Oxamyl	ND	0.20 ppm	0.002	0.007 ±0.007 ppm	PASS
Paclbutrazol	ND	0.00 ppm	0.003	0.008 ±0.008 ppm	PASS
Permethrin	ND	20.00 ppm	0.010	0.030 ±0.030 ppm	PASS
Phosmet	ND	0.20 ppm	0.003	0.009 ±0.009 ppm	PASS
Piperonylbutoxide	ND	8.00 ppm	0.010	0.031 ±0.031 ppm	PASS
Prallethrin	ND	0.40 ppm	0.004	0.011 ±0.011 ppm	PASS
Propiconazole	ND	20.00 ppm	0.004	0.011 ±0.011 ppm	PASS
Propoxur	ND	0.00 ppm	0.006	0.017 ±0.017 ppm	PASS
Pyrethrin	ND	1.00 ppm	0.003	0.008 ±0.008 ppm	PASS
Pyridaben	ND	3.00 ppm	0.001	0.003 ±0.003 ppm	PASS
Spinetoram	ND	3.00 ppm	0.003	0.010 ±0.010 ppm	PASS
Spinosad	ND	3.00 ppm	0.007	0.020 ±0.020 ppm	PASS
Spiromesifen	ND	12.00 ppm	0.003	0.009 ±0.009 ppm	PASS
Spirotetramat	ND	13.00 ppm	0.002	0.007 ±0.007 ppm	PASS
Spiroxamine	ND	0.00 ppm	0.001	0.003 ±0.003 ppm	PASS
Tebuconazole	ND	2.00 ppm	0.005	0.015 ±0.015 ppm	PASS
Thiacloprid	ND	0.10 ppm	0.001	0.003 ±0.003 ppm	PASS
Thiamethoxam	ND	4.50 ppm	0.003	0.009 ±0.009 ppm	PASS
Trifloxystrobin	ND	30.00 ppm	0.002	0.007 ±0.007 ppm	PASS

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