



Certificate of Analysis

Powered by Confident Cannabis
1 of 1

Plant Therapy

510 2nd Ave S
Twin Falls, ID 83301
stephanie.lemmons@planttherapy.com

Sample: 2008TSF0062.7665

Strain: 1000 mg CBD/250 mg CBC
Batch #: IC0102

Sample Received: 08/11/2020; Report Generated: 08/12/2020

Lic. #

CBD+iso Unscented Balm

Topical, Salve
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



The photo on this report is of a sample collected by the lab and may vary from the final packaging

<LOQ

Total Potential THC

1,055.04
mg/unit

Total Potential CBD

Cannabinoids

Cannabinoid	LOQ mg/unit	Mass mg/unit	Mass mg/g
THCa	4.80	ND	ND
Δ9-THC	4.80	ND	ND
Δ8-THC	4.80	ND	ND
CBD	4.80	1055.04	21.98
CBDa	4.80	ND	ND
CBC	4.80	272.16	5.67
CBG	4.80	13.92	0.29
CBN	4.80	<4.80	<0.10
THCV	4.80	ND	ND
CBGa	4.80	ND	ND
Total		1341.12	27.94

1 Unit = .48g

Test performed via HPLC-UV. Total Potential THC and CBD: Liquid chromatography occurs at room temperature and does not decarboxylate any cannabinoids, thereby yielding separate values for THCa, THC, CBDa and CBD, which are then combined to derive the Total Potential THC and Total Potential CBD result using the following formulae:

Total Potential THC = THCa * 0.877 + Δ9-THC + Δ8-THC

Total Potential CBD = CBDa * 0.877 + CBD

LOQ = Limit of Quantitation; Cannabinoids for flower and trim reported as received.

10 Greg St
Sparks, NV
(844) 374-5227
www.374labs.com



Dr. Jeff Angermann
Scientific Director

Confident Cannabis
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support@confidentcannabis.com
(866) 506-5866
www.confidentcannabis.com



All pass limits are as specified in NAC 453.A and DPBH Policies. Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. This product has been tested by 374 Labs, LLC (NMME# 03754325902079441647) using valid testing methodologies and a quality system as required by Nevada state law. Values reported relate only to the product tested. 374 Labs makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of 374 Labs. Uncertainty information is available upon request. 374 Labs complies with ISO/IEC 17025 standards. Potency performed per SOP-000001, Terpenes performed per SOP-000002, Metals performed per SOP-000003, Microbial testing performed per SOP-000004, Pesticides performed per SOP-000005, Moisture per SOP-000006. Photo is of sample collected by the lab and may vary from final packaging.


Hemp Distillate Broad Spec Raw

Batch ID:	HC0106	Test ID:	T000088277
Reported:	3-Aug-2020	Method:	TM19
Type:	Concentrate		
Test:	Metals		

HEAVY METALS


Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.074 - 7.37	ND
Cadmium	0.079 - 7.90	ND
Mercury	0.073 - 7.28	ND
Lead	0.075 - 7.53	ND

* ND = None Detected (Defined by Dynamic Range of the method)

FINAL APPROVAL

Ryan Weems
3-Aug-2020
4:25 PM

PREPARED BY / DATE



Greg Zimpfer
3-Aug-2020
5:46 PM

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC.

Hemp Distillate Broad Spec Raw

Batch ID:	HC0106	Test ID:	T000088275
Reported:	2-Aug-2020	Method:	Concentrate - Test Methods: TM05, TM06
Type:	Concentrate		
Test:	Microbial Contaminants		

MICROBIAL CONTAMINANTS

Contaminant	Result (CFU/g)*
Total Aerobic Count**	None Detected
Total Coliforms**	None Detected
Total Yeast and Molds**	None Detected
E. coli	None Detected
Salmonella	None Detected



* CFU/g = Colony Forming Unit per Gram

** Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form.

Examples: $10^2 = 100$ CFU
 $10^3 = 1,000$ CFU
 $10^4 = 10,000$ CFU
 $10^5 = 100,000$ CFU

NOTES:

Free from visual mold, mildew, and foreign matter
TYM: None Detected
Total Aerobic: None Detected
Coliforms: None Detected**FINAL APPROVAL**

	Sarah Henning 2-Aug-2020 3:25 PM		Ben Minton 2-Aug-2020 7:13 PM
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PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.03

Hemp Distillate Broad Spec Raw

Batch ID:	HC0106	Test ID:	5107069.0018
Reported:	30-Jul-2020	Method:	TM17
Type:	Concentrate		
Test:	Pesticides		


PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	45 - 2535	ND*	Malathion	291 - 2535	ND*
Acetamiprid	45 - 2535	ND*	Metalaxyl	41 - 2535	ND*
Abamectin	>290	ND*	Methiocarb	43 - 2535	ND*
Azoxystrobin	43 - 2535	ND*	Methomyl	45 - 2535	ND*
Bifenazate	40 - 2535	ND*	MGK 264 1	194 - 2535	ND*
Boscalid	27 - 2535	ND*	MGK 264 2	104 - 2535	ND*
Carbaryl	42 - 2535	ND*	Myclobutanil	43 - 2535	ND*
Carbofuran	45 - 2535	ND*	Naled	42 - 2535	ND*
Chlorantraniliprole	32 - 2535	ND*	Oxamyl	43 - 2535	ND*
Chlorpyrifos	65 - 2535	ND*	Paclobutrazol	45 - 2535	ND*
Clofentezine	285 - 2535	ND*	Permethrin	303 - 2535	ND*
Diazinon	286 - 2535	ND*	Phosmet	42 - 2535	ND*
Dichlorvos	>287	ND*	Prophos	290 - 2535	ND*
Dimethoate	45 - 2535	ND*	Propoxur	42 - 2535	ND*
E-Fenpyroximate	292 - 2535	ND*	Pyridaben	304 - 2535	ND*
Etofenprox	42 - 2535	ND*	Spinosad A	31 - 2535	ND*
Etoxazole	307 - 2535	ND*	Spinosad D	79 - 2535	ND*
Fenoxycarb	>48	ND*	Spiromesifen	>270	ND*
Fipronil	76 - 2535	ND*	Spirotetramat	>272	ND*
Flonicamid	44 - 2535	ND*	Spiroxamine 1	16 - 2535	ND*
Fludioxonil	>297	ND*	Spiroxamine 2	23 - 2535	ND*
Hexythiazox	40 - 2535	ND*	Tebuconazole	296 - 2535	ND*
Imazalil	263 - 2535	ND*	Thiacloprid	44 - 2535	ND*
Imidacloprid	43 - 2535	ND*	Thiamethoxam	43 - 2535	ND*
Kresoxim-methyl	45 - 2535	ND*	Trifloxystrobin	43 - 2535	ND*

* ND = None Detected (Defined by Dynamic Range of the method)

N/A

FINAL APPROVAL


 Tyler Wiese
 30-Jul-2020
 12:15 PM

PREPARED BY / DATE

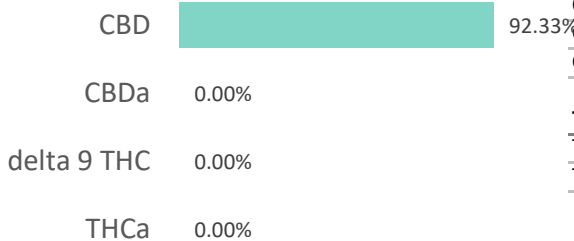
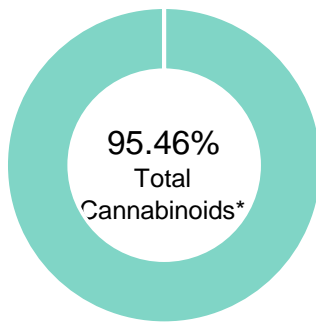

 Ben Minton
 30-Jul-2020
 3:41 PM

APPROVED BY / DATE

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Hemp Distillate Broad Spec Raw

Batch ID:	HC0106	Test ID:	6700224.009
Reported:	29-Jul-2020	Method:	TM14
Type:	Concentrate		
Test:	Potency		


CANNABINOID PROFILE


Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.18	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.09	ND	ND
Cannabidiolic acid (CBDA)	0.33	ND	ND
Cannabidiol (CBD)	0.18	92.33	923.3
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.10	ND	ND
Cannabinolic Acid (CBNA)	0.25	ND	ND
Cannabinol (CBN)	0.11	0.40	4.0
Cannabigerolic acid (CBGA)	0.16	ND	ND
Cannabigerol (CBG)	0.09	1.14	11.4
Tetrahydrocannabivarinic Acid (THCVA)	0.15	ND	ND
Tetrahydrocannabivarin (THCV)	0.08	ND	ND
Cannabidivarinic Acid (CBDVA)	0.30	ND	ND
Cannabidivarin (CBDV)	0.17	0.29	2.9
Cannabichromenic Acid (CBCA)	0.13	ND	ND
Cannabichromene (CBC)	0.16	1.30	13.0
Total Cannabinoids		95.46	954.60
Total Potential THC**		ND	ND
Total Potential CBD**		92.33	923.30

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)
 * Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.
 ** Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.
 Total THC = THC + (THCa * (0.877)) and Total CBD = CBD + (CBDa * (0.877))
 ND = None Detected (Defined by Dynamic Range of the method)

NOTES:
N/A

FINAL APPROVAL


 Ryan Weems
 29-Jul-2020
 6:17 PM


 Greg Zimpfer
 29-Jul-2020
 8:56 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Hemp Distillate Broad Spec Raw

Batch ID:	HC0106	Test ID:	T000088274
Reported:	31-Jul-2020	Method:	TM04
Type:	Concentrate		
Test:	Residual Solvents		

RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	107 - 2146	*ND
Butanes (Isobutane, n-Butane)	213 - 4256	*ND
Methanol	63 - 1262	*ND
Pentane	107 - 2147	*ND
Ethanol	87 - 1736	*ND
Acetone	113 - 2268	*ND
Isopropyl Alcohol	102 - 2036	*ND
Hexane	6 - 128	*ND
Ethyl Acetate	109 - 2175	*ND
Benzene	0.2 - 4.3	*ND
Heptanes	114 - 2278	*ND
Toluene	19 - 372	*ND
Xylenes (m,p,o-Xylenes)	128 - 2563	*ND


* ND = None Detected (Defined by Dynamic Range of the method)

NOTES:
N/A

FINAL APPROVAL


Ryan Weems
31-Jul-2020
3:40 PM

PREPARED BY / DATE



Greg Zimpfer
31-Jul-2020
4:29 PM

APPROVED BY / DATE

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Certificate #4329.02

CBC Isolate Raw

Batch ID:	CG7101	Test ID:	T000085962
Reported:	16-Jul-2020	Method:	TM19
Type:	Other		
Test:	Metals		

HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.093 - 9.27	ND
Cadmium	0.088 - 8.82	ND
Mercury	0.089 - 8.90	ND
Lead	0.090 - 8.95	ND

* ND = None Detected (Defined by Dynamic Range of the method)

FINAL APPROVAL

Alex Smith
16-Jul-2020
5:24 AM

PREPARED BY / DATE

Greg Zimpfer
16-Jul-2020
7:53 AM

APPROVED BY / DATE

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CBC Isolate Raw

Batch ID:	CG7101	Test ID:	T000085960
Reported:	19-Jul-2020	Method:	Concentrate - Test Methods: TM05, TM06
Type:	Concentrate		
Test:	Microbial Contaminants		

MICROBIAL CONTAMINANTS

Contaminant	Result (CFU/g)*
Total Aerobic Count**	None Detected
Total Coliforms**	None Detected
Total Yeast and Molds**	None Detected
E. coli	None Detected
Salmonella	None Detected

* CFU/g = Colony Forming Unit per Gram



** Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form.

Examples: $10^2 = 100$ CFU
 $10^3 = 1,000$ CFU
 $10^4 = 10,000$ CFU
 $10^5 = 100,000$ CFU

NOTES:

Free from visual mold, mildew, and foreign matter
TYM: None Detected
Total Aerobic: None Detected
Coliforms: None Detected

FINAL APPROVAL


Robert Belfon
18-Jul-2020
4:23 PM
Ben Minton
19-Jul-2020
3:27 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.03

CBC Isolate Raw

Batch ID:	CG7101	Test ID:	3596998.0023
Reported:	17-Jul-2020	Method:	TM17
Type:	Concentrate		
Test:	Pesticides		


PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	41 - 2473	ND*	Malathion	274 - 2473	ND*
Acetamiprid	39 - 2473	ND*	Metalaxyl	40 - 2473	ND*
Abamectin	>309	ND*	Methiocarb	39 - 2473	ND*
Azoxystrobin	42 - 2473	ND*	Methomyl	41 - 2473	ND*
Bifenazate	37 - 2473	ND*	MGK 264 1	178 - 2473	ND*
Boscalid	40 - 2473	ND*	MGK 264 2	104 - 2473	ND*
Carbaryl	38 - 2473	ND*	Myclobutanil	42 - 2473	ND*
Carbofuran	44 - 2473	ND*	Naled	42 - 2473	ND*
Chlorantraniliprole	37 - 2473	ND*	Oxamyl	40 - 2473	ND*
Chlorpyrifos	44 - 2473	ND*	Paclobutrazol	42 - 2473	ND*
Clofentezine	275 - 2473	ND*	Permethrin	261 - 2473	ND*
Diazinon	281 - 2473	ND*	Phosmet	44 - 2473	ND*
Dichlorvos	>248	ND*	Prophos	310 - 2473	ND*
Dimethoate	41 - 2473	ND*	Propoxur	41 - 2473	ND*
E-Fenpyroximate	41 - 2473	ND*	Pyridaben	41 - 2473	ND*
Etofenprox	43 - 2473	ND*	Spinosad A	31 - 2473	ND*
Etoxazole	293 - 2473	ND*	Spinosad D	77 - 2473	ND*
Fenoxycarb	>41	ND*	Spiromesifen	>275	ND*
Fipronil	43 - 2473	ND*	Spirotetramat	>283	ND*
Flonicamid	50 - 2473	ND*	Spiroxamine 1	16 - 2473	ND*
Fludioxonil	>309	ND*	Spiroxamine 2	23 - 2473	ND*
Hexythiazox	38 - 2473	ND*	Tebuconazole	272 - 2473	ND*
Imazalil	259 - 2473	ND*	Thiacloprid	42 - 2473	ND*
Imidacloprid	43 - 2473	ND*	Thiamethoxam	40 - 2473	ND*
Kresoxim-methyl	39 - 2473	ND*	Trifloxystrobin	41 - 2473	ND*

* ND = None Detected (Defined by Dynamic Range of the method)

N/A

FINAL APPROVAL


 Taylor Brevik
 17-Jul-2020
 2:44 PM
 PREPARED BY / DATE


 Ben Minton
 17-Jul-2020
 3:29 PM
 APPROVED BY / DATE

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CBC Isolate Raw

Batch ID:	CG7101	Test ID:	2661100.0010
Reported:	14-Jul-2020	Method:	TM14
Type:	Concentrate		
Test:	Potency		

CANNABINOID PROFILE

		Compound	LOQ (%)	Result (%)	Result (mg/g)
		Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.18	ND	ND
		Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.09	ND	ND
		Cannabidiolic acid (CBDA)	0.16	ND	ND
		Cannabidiol (CBD)	0.09	ND	ND
		Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.10	ND	ND
		Cannabinolic Acid (CBNA)	0.24	ND	ND
		Cannabinol (CBN)	0.11	ND	ND
		Cannabigerolic acid (CBGA)	0.15	ND	ND
		Cannabigerol (CBG)	0.09	ND	ND
		Tetrahydrocannabivarinic Acid (THCVA)	0.15	ND	ND
		Tetrahydrocannabivarin (THCV)	0.08	ND	ND
		Cannabidivarinic Acid (CBDVA)	0.15	ND	ND
		Cannabidivarin (CBDV)	0.08	ND	ND
		Cannabichromenic Acid (CBCA)	0.13	ND	ND
		Cannabichromene (CBC)	0.16	87.54	875.4
		Total Cannabinoids		87.54	875.40
		Total Potential THC**		ND	ND
		Total Potential CBD**		ND	ND

87.54%	
Total	
Cannabinoids*	
CBD	0.00%
CBDa	0.00%
delta 9 THC	0.00%
THCa	0.00%

NOTES:

N/A


% = % (w/w) = Percent (Weight of Analyte / Weight of Product)


* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

** Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

Total THC = THC + (THCa * (0.877)) and Total CBD = CBD + (CBDa * (0.877))

ND = None Detected (Defined by Dynamic Range of the method)

FINAL APPROVAL

 Ryan Weems
 14-Jul-2020
 4:50 PM


 Ben Minton
 14-Jul-2020
 5:42 PM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.02

CBC Isolate Raw

Batch ID:	CG7101	Test ID:	T000085959
Reported:	16-Jul-2020	Method:	TM04
Type:	Concentrate		
Test:	Residual Solvents		

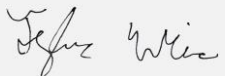
RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	108 - 2161	*ND
Butanes (Isobutane, n-Butane)	193 - 3858	*ND
Methanol	68 - 1354	*ND
Pentane	103 - 2062	*ND
Ethanol	106 - 2119	*ND
Acetone	109 - 2178	*ND
Isopropyl Alcohol	116 - 2314	*ND
Hexane	7 - 132	*ND
Ethyl Acetate	111 - 2217	*ND
Benzene	0.2 - 4.4	*ND
Heptanes	105 - 2093	*ND
Toluene	20 - 396	*ND
Xylenes (m,p,o-Xylenes)	143 - 2866	*ND


* ND = None Detected (Defined by Dynamic Range of the method)

NOTES:
N/A

FINAL APPROVAL


 Tyler Wiese
 16-Jul-2020
 5:09 PM

PREPARED BY / DATE


 Ben Minton
 16-Jul-2020
 5:32 PM

APPROVED BY / DATE

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Certificate #4329.02