



CERTIFICATE OF ANALYSIS

prepared for: CNP OPERATING
12742 E CALEY AVE #2E
CENTENNIAL, CO 80111

Lot: 40010

Batch ID:	0101520	Test ID:	T000103319
Type:	Concentrate	Submitted:	10/15/2020 @ 09:09 AM
Test:	Pesticides	Started:	10/19/2020
Method:		Reported:	10/20/2020

PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)	Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	40 - 2422	ND*	Malathion	289 - 2422	ND*
Acetamiprid	40 - 2422	ND*	Metaxyl	46 - 2422	ND*
Abamectin	>323	ND*	Methiocarb	42 - 2422	ND*
Azoxystrobin	47 - 2422	ND*	Methomyl	42 - 2422	ND*
Bifenazate	45 - 2422	ND*	MGK 264 1	145 - 2422	ND*
Boscalid	48 - 2422	ND*	MGK 264 2	112 - 2422	ND*
Carbaryl	41 - 2422	ND*	Myclobutanil	43 - 2422	ND*
Carbofuran	41 - 2422	ND*	Naled	47 - 2422	ND*
Chlorantraniliprole	51 - 2422	ND*	Oxamyl	38 - 2422	ND*
Chlorpyrifos	40 - 2422	ND*	Paclobutrazol	43 - 2422	ND*
Clofentezine	282 - 2422	ND*	Permethrin	257 - 2422	ND*
Diazinon	282 - 2422	ND*	Phosmet	46 - 2422	ND*
Dichlorvos	>277	ND*	Prophos	292 - 2422	ND*
Dimethoate	39 - 2422	ND*	Propoxur	42 - 2422	ND*
E-Fenpyroximate	269 - 2422	ND*	Pyridaben	289 - 2422	ND*
Etofenprox	41 - 2422	ND*	Spinosad A	26 - 2422	ND*
Etoazoxole	285 - 2422	ND*	Spinosad D	78 - 2422	ND*
Fenoxycarb	>44	ND*	Spiromesifen	>260	ND*
Fipronil	53 - 2422	ND*	Spirotetramat	>311	ND*
Flonicamid	46 - 2422	ND*	Spiroxamine 1	17 - 2422	ND*
Fludioxonil	>290	ND*	Spiroxamine 2	23 - 2422	ND*
Hexythiazox	39 - 2422	ND*	Tebuconazole	303 - 2422	ND*
Imazalil	279 - 2422	ND*	Thiacloprid	39 - 2422	ND*
Imidacloprid	38 - 2422	ND*	Thiamethoxam	36 - 2422	ND*
Kresoxim-methyl	46 - 2422	ND*	Trifloxystrobin	43 - 2422	ND*

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

N/A

FINAL APPROVAL

Samantha Smith

Sam Smith
20-Oct-2020
2:30 PM

Ben Minton

Ben Minton
20-Oct-2020
4:32 PM

PREPARED BY / DATE

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.



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prepared for: CNP OPERATING
12742 E CALEY AVE #2E
CENTENNIAL, CO 80111

Lot: 40010

Batch ID:	0101520	Test ID:	T000103316
Type:	Concentrate	Submitted:	10/15/2020 @ 09:09 AM
Test:	Residual Solvents	Started:	10/19/2020
Method:	TM04	Reported:	10/19/2020

RESIDUAL SOLVENTS

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	99 - 1970	*ND
Butanes	192 - 3850	*ND
(Isobutane, n-Butane)		
Methanol	62 - 1243	*ND
Pentane	100 - 2007	*ND
Ethanol	99 - 1972	*ND
Acetone	102 - 2039	*ND
Isopropyl Alcohol	108 - 2155	*ND
Hexane	6 - 123	*ND
Ethyl Acetate	102 - 2032	*ND
Benzene	0.2 - 4	*ND
Heptanes	99 - 1989	*ND
Toluene	18 - 363	*ND
Xylenes	131 - 2626	*ND
(m,p,o-Xylenes)		

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

NOTES:

N/A

FINAL APPROVAL

Ryan Weems
19-Oct-2020
5:31 PM

Greg Zimpfer
19-Oct-2020
7:12 PM

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prepared for: CNP OPERATING
12742 E CALEY AVE #2E
CENTENNIAL, CO 80111

Lot: 40010

Batch ID:	0101520	Test ID:	T000103317
Type:	MIP	Submitted:	10/15/2020 @ 09:09 AM
Test:	Microbial Contaminants	Started:	10/16/2020
Method:	TM24, TM25, TM26, TM27, TM28	Reported:	10/19/2020

MICROBIAL CONTAMINANTS

Contaminant	Result (CFU/g)*
Total Aerobic Count**	None Detected
Total Coliforms**	None Detected
Total Yeast and Molds**	None Detected
E. coli	Absent
STEC and 0157 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

Tori King
19-Oct-2020
3:44 PM

Greg Zimpfer
19-Oct-2020
7:06 PM

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CERTIFICATE OF ANALYSIS

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12742 E CALEY AVE #2E
CENTENNIAL, CO 80111

Lot: 40010

Batch ID:	0101520	Test ID:	T000103320
Type:	Other	Submitted:	10/15/2020 @ 09:09 AM
Test:	Metals	Started:	10/19/2020
Method:	TM19	Reported:	10/20/2020

HEAVY METALS

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.092 - 9.19	ND
Cadmium	0.088 - 8.76	ND
Mercury	0.087 - 8.70	ND
Lead	0.093 - 9.32	ND

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

FINAL APPROVAL

Ryan Weems
20-Oct-2020
2:38 PM

PREPARED BY / DATE

Ben Minton
20-Oct-2020
4:24 PM

APPROVED BY / DATE

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12742 E CALEY AVE #2E
CENTENNIAL, CO 80111

Lot: 40010

Batch ID:	0101520	Test ID:	T000103318
Type:	Concentrate	Submitted:	10/15/2020 @ 09:09 AM
Test:	Terpenes	Started:	10/15/2020
Method:	TM10	Reported:	10/20/2020

TERPENE PROFILE

0.000%
Total
Terpenes

PREDOMINANT TERPENES

alpha-Pinene	0.000%
(-)-beta-Pinene	0.000%
beta-Myrcene	0.000%
delta-3-Carene	0.000%
alpha-Terpinene	0.000%
d-Limonene	0.000%
Linalool	0.000%
beta-Caryophyllene	0.000%
alpha-Humulene	0.000%
(-)-alpha-Bisabolol	0.000%

Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.000	0
Camphene	0.000	0
delta-3-Carene	0.000	0
beta-Caryophyllene	0.000	0
(-)-Caryophyllene Oxide	0.000	0
p-Cymene	0.000	0
Eucalyptol	0.000	0
Geraniol	0.000	0
alpha-Humulene	0.000	0
(-)-Isopulegol	0.000	0
d-Limonene	0.000	0
Linalool	0.000	0
beta-Myrcene	0.000	0
cis-Nerolidol	0.000	0
trans-Nerolidol	0.000	0
Ocimene	0.000	0
beta-Ocimene	0.000	0
alpha-Pinene	0.000	0
(-)-beta-Pinene	0.000	0
alpha-Terpinene	0.000	0
gamma-Terpinene	0.000	0
Terpinolene	0.000	0
	0.000%	0.00

NOTES:

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FINAL APPROVAL

Daniel Weidensaul
20-Oct-2020
11:25 AM

Greg Zimpfer
20-Oct-2020
3:50 PM

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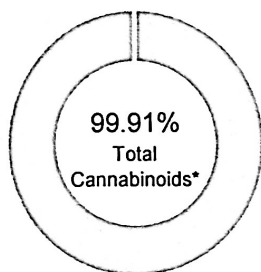
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CENTENNIAL, CO 80111

Lot: 40010

Batch ID:	0101520	Test ID:	t000103315
Type:	Concentrate	Submitted:	10/15/2020 @ 09:09 AM
Test:	Potency	Started:	10/16/2020
Method:	TM14	Reported:	10/19/2020

CANNABINOID PROFILE

CBD 99.76%

CBDa 0.00%

delta 9 THC 0.00%

THCa 0.00%

Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.37	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.18	ND	ND
Cannabidiolic acid (CBDA)	0.16	ND	ND
Cannabidiol (CBD)	0.34	99.76	997.6
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.20	ND	ND
Cannabinolic Acid (CBNA)	0.51	ND	ND
Cannabinol (CBN)	0.22	ND	ND
Cannabigerolic acid (CBGA)	0.32	ND	ND
Cannabigerol (CBG)	0.18	ND	ND
Tetrahydrocannabivarinic Acid (THCVA)	0.31	ND	ND
Tetrahydrocannabivarin (THCV)	0.16	ND	ND
Cannabidivarinic Acid (CBDVA)	0.15	ND	ND
Cannabidivarin (CBDV)	0.08	0.15	1.5
Cannabichromenic Acid (CBCA)	0.28	ND	ND
Cannabichromene (CBC)	0.32	ND	ND

Total Cannabinoids	99.91	999.1
Total Potential THC**	ND	ND
Total Potential CBD**	99.76	997.6

NOTES:

N/A

* 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 APPROVALTyler Wiese
19-Oct-2020
4:30 PMBen Minton
19-Oct-2020
5:02 PM

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