

prepared for: NULEAF NATURALS

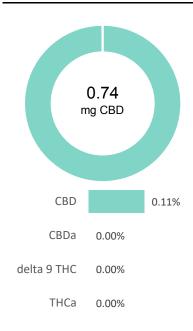
1550 LARIMER ST. #964

DENVER, CO 80202

#### N104

Batch ID:	029	Test ID:	T000122075
Type:	Unit	Submitted:	02/01/2021 @ 01:07 PM
Test:	Potency	Started:	2/3/2021
Method:	TM14	Reported:	2/5/2021

### **CANNABINOID PROFILE**



Compound	LOQ (mg)	Result (mg)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.25	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.28	ND	ND
Cannabidiolic acid (CBDA)	0.22	ND	ND
Cannabidiol (CBD)	0.22	0.74	1.1
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.31	0.49	0.7
Cannabinolic Acid (CBNA)	0.18	ND	ND
Cannabinol (CBN)	0.08	14.12	20.2
Cannabigerolic acid (CBGA)	0.26	ND	ND
Cannabigerol (CBG)	0.06	0.52	0.7
Tetrahydrocannabivarinic Acid (THCVA)	0.22	ND	ND
Tetrahydrocannabivarin (THCV)	0.06	ND	ND
Cannabidivarinic Acid (CBDVA)	0.09	ND	ND
Cannabidivarin (CBDV)	0.05	ND	ND
Cannabichromenic Acid (CBCA)	0.10	ND	ND
Cannabichromene (CBC)	0.11	0.51	0.7
Total Cannabinoids		16.38	23.5
Total Potential THC**	·	ND	ND
Total Potential CBD**		0.74	1.1

NOTES:

# of Servings = 1, Sample Weight=0.69805g

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

Daniel Wartonsail

Daniel Weidensaul 5-Feb-2021 3:27 PM

Den Muto

Ben Minton 5-Feb-2021 3:37 PM

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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. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02



<sup>% = %</sup> (w/w) = Percent (Weight of Analyte / Weight of Product)

<sup>\*</sup> Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

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



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#### N104S

Batch ID:	N/A	Test ID:	T000119821
Type:	Other	Submitted:	01/20/2021 @ 10:31 AM
Test:	Metals	Started:	1/20/2021
Method:	TM19	Reported:	1/21/2021

### **HEAVY METALS**

Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.079 - 7.92	ND
Cadmium	0.076 - 7.62	ND
Mercury	0.076 - 7.62	ND
Lead	0.089 - 8.86	ND

<sup>\*</sup> ND = None Detected (Defined by Dynamic Range of the method)

### FINAL APPROVAL

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Sam Smith 21-Jan-2021 12:20 PM

Den Muton

Ben Minton 21-Jan-2021 2:28 PM

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1550 LARIMER ST. #964 DENVER, CO 80202

#### N104S

Batch ID:	N/A	Test ID:	T000119820
Type:	Edible	Submitted:	01/20/2021 @ 10:31 AM
Test:	Microbial Contaminants	Started:	1/21/2021
Method:	TM24, TM25, TM26, TM27, TM28	Reported:	1/24/2021

### MICROBIAL CONTAMINANTS

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

<sup>\*</sup> CFU/g = Colony Forming Unit per Gram

Examples: 10^2 = 100 CFU

10<sup>3</sup> = 1,000 CFU 10<sup>4</sup> = 10,000 CFU 10<sup>5</sup> = 100,000 CFU

NOTES:

Free from visual mold, mildew, and foreign matter

TYM: None Detected

Total Aerobic: None Detected

#### **FINAL APPROVAL**

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Nick Tumminaro 24-Jan-2021 3:01 PM

Den Minton

Ben Minton 24-Jan-2021 7:48 PM

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Certificate #4329.03

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



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1550 LARIMER ST. #964

DENVER, CO 80202

#### N104S

Batch ID:		Test ID:	T000119819
Type:	Concentrate	Submitted:	01/20/2021 @ 10:31 AM
Test:	Pesticides	Started:	1/21/2021
Method:	TM17	Reported:	1/22/2021

## PESTICIDE RESIDUE

Compound	Dynamic Range (ppb)	Result (ppb)
Acephate	36 - 2451	ND*
Acetamiprid	39 - 2451	ND*
Abamectin	>301	ND*
Azoxystrobin	43 - 2451	ND*
Bifenazate	40 - 2451	ND*
Boscalid	43 - 2451	ND*
Carbaryl	45 - 2451	ND*
Carbofuran	43 - 2451	ND*
Chlorantraniliprole	48 - 2451	ND*
Chlorpyrifos	54 - 2451	ND*
Clofentezine	293 - 2451	ND*
Diazinon	284 - 2451	ND*
Dichlorvos	>306	ND*
Dimethoate	38 - 2451	ND*
E-Fenpyroximate	311 - 2451	ND*
Etofenprox	44 - 2451	ND*
Etoxazole	307 - 2451	ND*
Fenoxycarb	>45	ND*
Fipronil	47 - 2451	ND*
Flonicamid	53 - 2451	ND*
Fludioxonil	>296	ND*
Hexythiazox	46 - 2451	ND*
Imazalil	277 - 2451	ND*
Imidacloprid	42 - 2451	ND*
Kresoxim-methyl	48 - 2451	ND*

Compound	Dynamic Range (ppb)	Result (ppb)
Malathion	285 - 2451	ND*
Metalaxyl	42 - 2451	ND*
Methiocarb	42 - 2451	ND*
Methomyl	45 - 2451	ND*
MGK 264 1	169 - 2451	ND*
MGK 264 2	124 - 2451	ND*
Myclobutanil	41 - 2451	ND*
Naled	50 - 2451	ND*
Oxamyl	40 - 2451	ND*
Paclobutrazol	45 - 2451	ND*
Permethrin	293 - 2451	ND*
Phosmet	44 - 2451	ND*
Prophos	294 - 2451	ND*
Propoxur	42 - 2451	ND*
Pyridaben	298 - 2451	ND*
Spinosad A	31 - 2451	ND*
Spinosad D	85 - 2451	ND*
Spiromesifen	>275	ND*
Spirotetramat	>274	ND*
Spiroxamine 1	20 - 2451	ND*
Spiroxamine 2	24 - 2451	ND*
Tebuconazole	294 - 2451	ND*
Thiacloprid	39 - 2451	ND*
Thiamethoxam	42 - 2451	ND*
Trifloxystrobin	43 - 2451	ND*

N/A

### FINAL APPROVAL

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Tyler Wiese 22-Jan-2021 12:13 PM Den Mitm

Ben Minton 22-Jan-2021 7:58 PM

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<sup>\*</sup> ND = None Detected (Defined by Dynamic Range of the method)



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#### N104S

Batch ID:		Test ID:	t000119822
Type:	Concentrate	Submitted:	01/20/2021 @ 10:31 AM
Test:	Residual Solvents	Started:	1/21/2021
Method:	TM04	Reported:	1/21/2021

## **RESIDUAL SOLVENTS**

Solvent	Dynamic Range (ppm)	Result (ppm)
Propane	109 - 2182	*ND
Butanes (Isobutane, n-Butane)	204 - 4077	*ND
Methanol	57 - 1149	*ND
Pentane	98 - 1950	*ND
Ethanol	101 - 2026	*ND
Acetone	96 - 1924	*ND
Isopropyl Alcohol	100 - 1998	*ND
Hexane	6 - 117	*ND
Ethyl Acetate	98 - 1958	*ND
Benzene	0.2 - 3.8	*ND
Heptanes	97 - 1932	*ND
Toluene	17 - 348	*ND
Xylenes (m,p,o-Xylenes)	128 - 2562	*ND

<sup>\*</sup> ND = None Detected (Defined by Dynamic Range of the method)

NOTES: N/A

#### **FINAL APPROVAL**

Somantha Smits

Sam Smith 21-Jan-2021 3:42 PM Den Miton

Ben Minton 21-Jan-2021 4:58 PM

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