

Prepared for:  
**NED & CO. LLC**

5345 Arapahoe Ave STE 4  
BOULDER, CO USA 80303

## NED Hemp Extract CBG White Run 876

Batch ID or Lot Number: <b>NED-HE-CBGWHITE-876</b>	Test: <b>Potency</b>	Reported: <b>07Feb2023</b>	USDA License: N/A
Matrix: Concentrate	Test ID: T000234424	Started: 03Feb2023	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 02Feb2023	Status: N/A

### Cannabinoids

	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.184	0.516	2.610	26.10	
Cannabichromenic Acid (CBCA)	0.168	0.472	ND	ND	
Cannabidiol (CBD)	0.490	1.427	19.400	194.00	
Cannabidiolic Acid (CBDA)	0.502	1.463	ND	ND	
Cannabidivarin (CBDV)	0.116	0.337	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.210	0.610	ND	ND	
Cannabigerol (CBG)	0.104	0.293	54.580	545.80	
Cannabigerolic Acid (CBGA)	0.437	1.226	ND	ND	
Cannabinol (CBN)	0.136	0.383	ND	ND	
Cannabinolic Acid (CBNA)	0.298	0.836	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.520	1.460	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.473	1.326	1.510	15.10	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.419	1.175	ND	ND	
Tetrahydrocannabivarin (THCV)	0.095	0.267	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.369	1.036	ND	ND	
<b>Total Cannabinoids</b>			<b>78.100</b>	<b>781.00</b>	
Total Potential THC			1.510	15.10	
Total Potential CBD			19.400	194.00	

### Final Approval

  
Sam Smith  
07Feb2023  
11:17:00 AM MST

PREPARED BY / DATE

  
Karen Winternheimer  
07Feb2023  
11:26:00 AM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/af3cbc2e-93fb-4a7f-b236-671400f01fd7>

**Definitions**  
% = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method).  
Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa \*(0.877)) and Total CBD = CBD + (CBDA \*(0.877)).

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., 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 SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited by A2LA.



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Prepared for:  
**NED & CO. LLC**


5345 Arapahoe Ave STE 4  
BOULDER, CO USA 80303

## NED Hemp Extract CBG White Run 876

Batch ID or Lot Number: <b>NED-HE-CBGWHITE-876</b>	Test: <b>Trace THC</b>	Reported: <b>09Feb2023</b>	USDA License: NA
Matrix: Concentrate	Test ID: T000234425	Started: 08Feb2023	Sampler ID: NA
	Method(s): TM20 (HPLC-DAD)	Received: 02Feb2023	Status: NA

Cannabinoids	Dynamic Range (%)	Result (%)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.001 - 0.696	ALOQ	12.86	N/A
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.002 - 1.393	ND	0.00	N/A
<b>Total Potential THC</b>	-	<b>ALOQ</b>	<b>12.86</b>	

## Final Approval



Sam Smith  
09Feb2023  
09:11:00 AM MST

PREPARED BY / DATE



Karen Winternheimer  
09Feb2023  
09:24:00 AM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/143b4417-8f12-4d91-be47-a0ce054b065f>

**Definitions**  
% = % (w/w) = Percent (weight of analyte / weight of product)  
Total Potential THC 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))  
ND = None Detected (defined by dynamic range of the method)  
ALOQ = Above Limit Of Quantitation (defined by dynamic range of the method)  
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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**NED & CO. LLC**

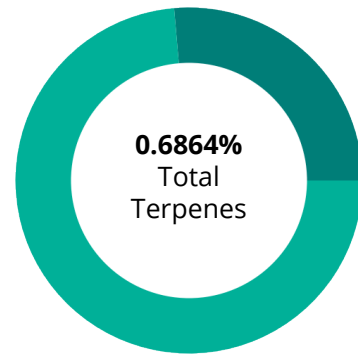
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BOULDER, CO USA 80303

## NED Hemp Extract CBG White Run 876

Batch ID or Lot Number: <b>NED-HE-CBGWHITE-876</b>	Test: <b>Terpenes</b>	Reported: <b>09Feb2023</b>	USDA License: NA
Matrix: Concentrate	Test ID: T000234426	Started: 08Feb2023	Sampler ID: NA
	Method(s): TM22 (GC-MS)	Received: 02Feb2023	Status: NA

### Terpenes

Terpenes	%(w/w)	(mg/g)
(-)-alpha-Bisabolol	0.0000	0.0000
(-)-beta-Pinene	0.0000	0.0000
(-)-Caryophyllene Oxide	0.0000	0.0000
(-)-Isopulegol	0.0000	0.0000
alpha-Humulene	0.1810	1.810
alpha-Pinene	0.0000	0.0000
alpha-Terpinene	0.0000	0.0000
beta-Caryophyllene	0.5054	5.054
beta-Myrcene	0.0000	0.0000
beta-Ocimene	0.0000	0.0000
Camphene	0.0000	0.0000
cis-Nerolidol	0.0000	0.0000
d-Limonene	0.0000	0.0000
delta-3-Carene	0.0000	0.0000
Eucalyptol	0.0000	0.0000
gamma-Terpinene	0.0000	0.0000
Geraniol	0.0000	0.0000
Linalool	0.0000	0.0000
Ocimene	0.0000	0.0000
p-Cymene	0.0000	0.0000
Terpinolene	0.0000	0.0000
trans-Nerolidol	0.0000	0.0000
	<b>0.6864</b>	<b>6.8640</b>



### PREDOMINANT TERPENES

(-)-alpha-Bisabolol	0.0000
(-)-beta-Pinene	0.0000
alpha-Humulene	0.1810
alpha-Pinene	0.0000
alpha-Terpinene	0.0000
beta-Caryophyllene	0.5054
beta-Myrcene	0.0000
d-Limonene	0.0000
delta-3-Carene	0.0000
Linalool	0.0000


### Notes

### Final Approval



PREPARED BY / DATE

Karen Winternheimer  
09Feb2023  
01:38:00 PM MST



APPROVED BY / DATE

Sam Smith  
09Feb2023  
01:42:00 PM MST



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Prepared for:  
**NED & CO. LLC**


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BOULDER, CO USA 80303

## NED Hemp Extract CBG White Run 876

Batch ID or Lot Number: <b>NED-HE-CBGWHITE-876</b>	Test: <b>Residual Solvents</b>	Reported: <b>03Feb2023</b>	USDA License: N/A
Matrix: Concentrate	Test ID: T000234430	Started: 02Feb2023	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 02Feb2023	Status: Active

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	94 - 1876	ND	
Butanes (Isobutane, n-Butane)	193 - 3867	ND	
Methanol	61 - 1216	ND	
Pentane	97 - 1948	ND	
Ethanol	95 - 1906	>1906	
Acetone	97 - 1936	ND	
Isopropyl Alcohol	99 - 1981	ND	
Hexane	6 - 115	ND	
Ethyl Acetate	98 - 1963	589	
Benzene	0.2 - 3.8	ND	
Heptanes	99 - 1973	ND	
Toluene	18 - 355	ND	
Xylenes (m,p,o-Xylenes)	130 - 2592	ND	

## Final Approval



Sam Smith  
03Feb2023  
07:37:00 AM MST

PREPARED BY / DATE



Karen Winternheimer  
03Feb2023  
07:41:00 AM MST

APPROVED BY / DATE



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### Definitions

ND = None Detected (defined by dynamic range of the method)  
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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**NED & CO. LLC**

5345 Arapahoe Ave STE 4  
BOULDER, CO USA 80303


## NED Hemp Extract CBG White Run 876

Batch ID or Lot Number: <b>NED-HE-CBGWHITE-876</b>	Test: <b>Microbial Contaminants</b>	Reported: <b>06Feb2023</b>	USDA License: NA
Matrix: Concentrate	Test ID: T000234428	Started: 02Feb2023	Sampler ID: NA
	Method(s): TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Received: 02Feb2023	Status: NA

## Microbial Contaminants

Contaminants	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 <sup>0</sup> CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	TM25: PCR	10 <sup>0</sup> CFU/25g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10 <sup>2</sup> CFU/g	1.0x10 <sup>3</sup> - 1.5x10 <sup>5</sup>	None Detected	
Total Coliforms*	TM27: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	None Detected	

## Final Approval



Eden Thompson-Wright  
06Feb2023  
11:29:00 AM MST



Brett Hudson  
06Feb2023  
03:56:00 PM MST



PREPARED BY / DATE

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/ca75b59e-8a03-4660-9b24-d36ff766dcd>

### Definitions

\* 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<sup>2</sup> = 100 CFU, 10<sup>3</sup> = 1,000 CFU, 10<sup>4</sup> = 10,000 CFU, 10<sup>5</sup> = 100,000 CFU  
CFU/g = Colony Forming Units per Gram, LOD = Limit of Detection  
ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation  
STEC = Shiga Toxin-Producing E. coli

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BOULDER, CO USA 80303

## NED Hemp Extract CBG White Run 876

Batch ID or Lot Number: <b>NED-HE-CBGWHITE-876</b>	Test: <b>Heavy Metals</b>	Reported: <b>08Feb2023</b>	USDA License: NA
Matrix: Concentrate	Test ID: T000234429	Started: 06Feb2023	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 02Feb2023	Status: NA

Heavy Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.06 - 6.39	ND	
Cadmium	0.06 - 6.33	ND	
Mercury	0.06 - 6.29	ND	
Lead	0.06 - 6.26	ND	

## Final Approval



Sam Smith  
08Feb2023  
02:07:00 PM MST

PREPARED BY / DATE



Karen Winternheimer  
08Feb2023  
02:12:00 PM MST

APPROVED BY / DATE



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### Definitions

ND = None Detected (defined by dynamic range of the method)  
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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BOULDER, CO USA 80303

## NED Hemp Extract CBG White Run 876

Batch ID or Lot Number: <b>NED-HE-CBGWHITE-876</b>	Test: <b>Pesticides</b>	Reported: <b>10Feb2023</b>	USDA License: NA
Matrix: Concentrate	Test ID: T000234427	Started: 08Feb2023	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 02Feb2023	Status: NA

Pesticides	Dynamic Range (ppb)	Result (ppb)	Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	358 - 2647	ND	Malathion	280 - 2717	ND
Acephate	42 - 2759	ND	Metalaxyl	46 - 2718	ND
Acetamiprid	43 - 2753	ND	Methiocarb	41 - 2688	ND
Azoxystrobin	44 - 2729	ND	Methomyl	43 - 2762	ND
Bifenazate	43 - 2722	ND	MGK 264 1	154 - 1645	ND
Boscalid	45 - 2744	ND	MGK 264 2	116 - 1140	ND
Carbaryl	43 - 2719	ND	Myclobutanil	45 - 2763	ND
Carbofuran	44 - 2734	ND	Naled	43 - 2762	ND
Chlorantraniliprole	43 - 2726	ND	Oxamyl	41 - 2766	ND
Chlorpyrifos	53 - 2824	ND	Pacllobutrazol	40 - 2726	ND
Clofentezine	275 - 2769	ND	Permethrin	313 - 2795	ND
Diazinon	292 - 2733	ND	Phosmet	44 - 2709	ND
Dichlorvos	275 - 2786	ND	Prophos	312 - 2672	ND
Dimethoate	41 - 2737	ND	Propoxur	41 - 2724	ND
E-Fenpyroximate	293 - 2797	ND	Pyridaben	313 - 2786	ND
Etofenprox	41 - 2790	ND	Spinosad A	35 - 2253	ND
Etoazole	309 - 2762	ND	Spinosad D	52 - 508	ND
Fenoxycarb	47 - 2690	ND	Spiromesifen	292 - 2770	ND
Fipronil	56 - 2762	ND	Spirotetramat	274 - 2731	ND
Flonicamid	43 - 2825	ND	Spiroxamine 1	16 - 1206	ND
Fludioxonil	318 - 2756	ND	Spiroxamine 2	21 - 1539	ND
Hexythiazox	45 - 2799	ND	Tebuconazole	277 - 2724	ND
Imazalil	288 - 2739	ND	Thiacloprid	44 - 2774	ND
Imidacloprid	41 - 2755	ND	Thiamethoxam	42 - 2785	ND
Kresoxim-methyl	23 - 2807	ND	Trifloxystrobin	44 - 2758	ND

## Final Approval



Karen Winternheimer  
10Feb2023  
06:26:00 AM MST

PREPARED BY / DATE



Sam Smith  
10Feb2023  
06:29:00 AM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/67a38db4-971f-48b9-a7ba-465dc3835e99>

### Definitions

ND = None Detected (defined by dynamic range of the method)  
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range  
ppb = Parts Per Billion

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