

Prepared for:
NED & CO. LLC

5345 Arapahoe Ave STE 4
BOULDER, CO USA 80303


NED Hemp Extract Special Sauce Run 883


Batch ID or Lot Number: NED-HE-SS-R883	Test: Potency	Reported: 25Sep2023	USDA License: N/A
Matrix: Concentrate	Test ID: T000256888	Started: 21Sep2023	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 21Sep2023	Status: N/A

Cannabinoids

	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.037	0.139	2.640	26.40	
Cannabichromenic Acid (CBCA)	0.034	0.127	ND	ND	
Cannabidiol (CBD)	0.151	0.429	66.800	668.00	
Cannabidiolic Acid (CBDA)	0.155	0.440	ND	ND	
Cannabidivarin (CBDV)	0.036	0.101	0.270	2.70	
Cannabidivarinic Acid (CBDVA)	0.065	0.183	ND	ND	
Cannabigerol (CBG)	0.021	0.079	2.190	21.90	
Cannabigerolic Acid (CBGA)	0.089	0.331	ND	ND	
Cannabinol (CBN)	0.028	0.103	<LOQ	<LOQ	
Cannabinolic Acid (CBNA)	0.060	0.226	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.106	0.394	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.096	0.358	2.670	26.70	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.085	0.317	ND	ND	
Tetrahydrocannabivarin (THCV)	0.019	0.072	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.075	0.280	ND	ND	
Total Cannabinoids			74.570	745.70	
Total Potential THC			2.670	26.70	
Total Potential CBD			66.800	668.00	

Final Approval


 Sam Smith
 25Sep2023
 03:07:00 PM MDT
 PREPARED BY / DATE


 Karen Winternheimer
 25Sep2023
 03:10:00 PM MDT
 APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/373afa1d-765f-413c-86d2-f66cc73bc96a>

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 Special Sauce Run 883

Batch ID or Lot Number: NED-HE-SS-R883	Test: Trace THC	Reported: 26Sep2023	USDA License: NA
Matrix: Concentrate	Test ID: T000256889	Started: 26Sep2023	Sampler ID: NA
	Method(s): TM20 (HPLC-DAD)	Received: 21Sep2023	Status: NA

Cannabinoids

	Dynamic Range (%)	Result (%)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.001 - 0.697	ALOQ	19.92	N/A
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.002 - 1.395	ND	0.00	N/A
Total Potential THC	-	ALOQ	19.92	

Final Approval



Sam Smith
26Sep2023
05:03:00 PM MDT

PREPARED BY / DATE



Karen Winternheimer
26Sep2023
05:06:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/cec1709f-0cac-4ae4-802a-ec2c503c8ce3>

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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Prepared for:
NED & CO. LLC

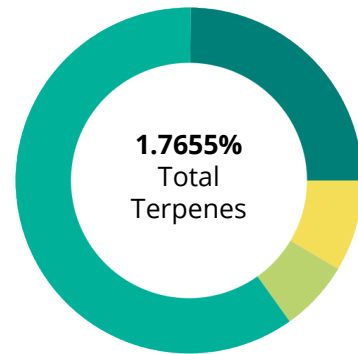
5345 Arapahoe Ave STE 4
BOULDER, CO USA 80303

NED Hemp Extract Special Sauce Run 883

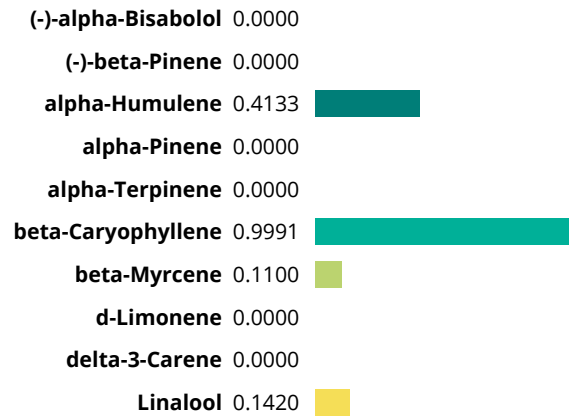
Batch ID or Lot Number: NED-HE-SS-R883	Test: Terpenes	Reported: 03Oct2023	USDA License: NA
Matrix: Concentrate	Test ID: T000256890	Started: 28Sep2023	Sampler ID: NA
	Method(s): TM22 (GC-MS)	Received: 21Sep2023	Status: NA

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	0.4133	4.133
alpha-Pinene	0.0000	0.0000
alpha-Terpinene	0.0000	0.0000
beta-Caryophyllene	0.9991	9.991
beta-Myrcene	0.1100	1.100
beta-Ocimene	0.0277	0.277
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	0.1420	1.420
Ocimene	0.0000	0.0000
p-Cymene	0.0000	0.0000
Terpinolene	0.0000	0.0000
trans-Nerolidol	0.0734	0.734
Total	1.7655	17.6550



PREDOMINANT TERPENES




Notes

Final Approval



PREPARED BY / DATE

Karen Winternheimer
03Oct2023
10:18:00 AM MDT



APPROVED BY / DATE

Sam Smith
03Oct2023
10:21:00 AM MDT



<https://results.botanacor.com/api/v1/coas/uuid/f5d62a3c-feb7-4c36-bb07-4965f4fbbfda>

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Prepared for:
NED & CO. LLC


5345 Arapahoe Ave STE 4
BOULDER, CO USA 80303

NED Hemp Extract Special Sauce Run 883

Batch ID or Lot Number: NED-HE-SS-R883	Test: Residual Solvents	Reported: 26Sep2023	USDA License: N/A
Matrix: Concentrate	Test ID: T000256894	Started: 26Sep2023	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 21Sep2023	Status: Active

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	99 - 1980	ND	
Butanes (Isobutane, n-Butane)	204 - 4080	ND	
Methanol	64 - 1276	ND	
Pentane	103 - 2060	ND	
Ethanol	104 - 2082	>2082	
Acetone	105 - 2096	ND	
Isopropyl Alcohol	107 - 2142	ND	
Hexane	6 - 124	ND	
Ethyl Acetate	105 - 2094	1631	
Benzene	0.2 - 4.3	ND	
Heptanes	104 - 2084	ND	
Toluene	19 - 378	ND	
Xylenes (m,p,o-Xylenes)	139 - 2790	ND	

Final Approval



Sam Smith
26Sep2023
01:13:00 PM MDT

PREPARED BY / DATE



Karen Winternheimer
26Sep2023
01:15:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/c9f38aed-8be7-4c2f-89e6-ed42a6288bfe>

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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Prepared for:
NED & CO. LLC

5345 Arapahoe Ave STE 4
BOULDER, CO USA 80303

NED Hemp Extract Special Sauce Run 883

Batch ID or Lot Number: NED-HE-SS-R883	Test: Microbial Contaminants	Reported: 25Sep2023	USDA License: NA
Matrix: Concentrate	Test ID: T000256892	Started: 21Sep2023	Sampler ID: NA
	Method(s): TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Received: 21Sep2023	Status: NA

Microbial Contaminants

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

Final Approval



Brett Hudson
24Sep2023
10:27:00 AM MDT

PREPARED BY / DATE



Brianne Maillot
25Sep2023
12:19:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/447aaaa3-d13d-4950-8e55-ead5743bd46c>

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: 10² = 100 CFU, 10³ = 1,000 CFU, 10⁴ = 10,000 CFU, 10⁵ = 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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Prepared for:
NED & CO. LLC


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BOULDER, CO USA 80303

NED Hemp Extract Special Sauce Run 883

Batch ID or Lot Number: NED-HE-SS-R883	Test: Heavy Metals	Reported: 25Sep2023	USDA License: NA
Matrix: Concentrate	Test ID: T000256893	Started: 22Sep2023	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 21Sep2023	Status: NA

Heavy Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.35	ND	
Cadmium	0.04 - 4.23	ND	
Mercury	0.04 - 4.27	ND	
Lead	0.04 - 4.35	ND	

Final Approval



Sam Smith
25Sep2023
09:38:00 AM MDT

PREPARED BY / DATE



Karen Winternheimer
25Sep2023
09:41:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/c8032422-e746-431b-9019-62a73d8926a2>

Definitions

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Prepared for:
NED & CO. LLC


5345 Arapahoe Ave STE 4
BOULDER, CO USA 80303

NED Hemp Extract Special Sauce Run 883

Batch ID or Lot Number: NED-HE-SS-R883	Test: Pesticides	Reported: 27Sep2023	USDA License: NA
Matrix: Concentrate	Test ID: T000256891	Started: 26Sep2023	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 21Sep2023	Status: NA

Pesticides	Dynamic Range (ppb)	Result (ppb)	Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	311 - 2689	ND	Malathion	262 - 2743	ND
Acephate	47 - 2789	ND	Metalaxyl	41 - 2719	ND
Acetamiprid	40 - 2750	ND	Methiocarb	41 - 2788	ND
Azoxystrobin	44 - 2737	ND	Methomyl	40 - 2776	ND
Bifenazate	39 - 2749	ND	MGK 264 1	176 - 1672	ND
Boscalid	42 - 2758	ND	MGK 264 2	114 - 1081	ND
Carbaryl	41 - 2732	ND	Myclobutanil	142 - 2789	ND
Carbofuran	40 - 2727	ND	Naled	46 - 2768	ND
Chlorantraniliprole	45 - 2795	ND	Oxamyl	42 - 2771	ND
Chlorpyrifos	46 - 2687	ND	Pacllobutrazol	44 - 2699	ND
Clofentezine	284 - 2765	ND	Permethrin	297 - 2665	ND
Diazinon	274 - 2760	ND	Phosmet	39 - 2761	ND
Dichlorvos	305 - 2781	ND	Prophos	321 - 2786	ND
Dimethoate	42 - 2753	ND	Propoxur	41 - 2711	ND
E-Fenpyroximate	289 - 2723	ND	Pyridaben	285 - 2699	ND
Etofenprox	39 - 2673	ND	Spinosad A	31 - 2104	ND
Etoxazole	294 - 2706	ND	Spinosad D	63 - 661	ND
Fenoxycarb	38 - 2765	ND	Spiromesifen	276 - 2696	ND
Fipronil	77 - 2752	ND	Spirotetramat	268 - 2774	ND
Flonicamid	40 - 2834	ND	Spiroxamine 1	19 - 1220	ND
Fludioxonil	281 - 2808	ND	Spiroxamine 2	21 - 1563	ND
Hexythiazox	38 - 2721	ND	Tebuconazole	286 - 2743	ND
Imazalil	252 - 2790	ND	Thiacloprid	41 - 2736	ND
Imidacloprid	42 - 2788	ND	Thiamethoxam	42 - 2772	ND
Kresoxim-methyl	42 - 2769	ND	Trifloxystrobin	44 - 2709	ND

Final Approval



Karen Winternheimer
27Sep2023
01:00:00 PM MDT

PREPARED BY / DATE



Sam Smith
27Sep2023
01:03:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/23824916-4624-4535-818a-a3648841787a>

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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