

Prepared for:
NED & CO. LLC

5345 Arapahoe Ave STE 4
BOULDER, CO USA 80303

NED Elektra Hemp Extract Run 884

Batch ID or Lot Number: NED-HE-Elektra-R884	Test: Potency	Reported: 06Jun2023	USDA License: N/A
Matrix: Concentrate	Test ID: T000245569	Started: 05Jun2023	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 02Jun2023	Status: N/A

Cannabinoids

	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.053	0.182	2.860	28.60	
Cannabichromenic Acid (CBCA)	0.048	0.166	ND	ND	
Cannabidiol (CBD)	0.142	0.451	65.860	658.60	
Cannabidiolic Acid (CBDA)	0.146	0.462	ND	ND	
Cannabidivarin (CBDV)	0.034	0.107	2.360	23.60	
Cannabidivarinic Acid (CBDVA)	0.061	0.193	ND	ND	
Cannabigerol (CBG)	0.030	0.103	2.210	22.10	
Cannabigerolic Acid (CBGA)	0.126	0.431	ND	ND	
Cannabinol (CBN)	0.039	0.135	0.180	1.80	
Cannabinolic Acid (CBNA)	0.086	0.294	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.150	0.514	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.136	0.466	2.720	27.20	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.120	0.413	ND	ND	
Tetrahydrocannabivarin (THCV)	0.027	0.094	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.106	0.364	ND	ND	
Total Cannabinoids			76.190	761.90	
Total Potential THC			2.720	27.20	
Total Potential CBD			65.860	658.60	

Final Approval



Sam Smith
06Jun2023
02:50:00 PM MDT

PREPARED BY / DATE



Karen Winternheimer
06Jun2023
02:57:00 PM MDT

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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


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BOULDER, CO USA 80303

NED Elektra Hemp Extract Run 884

Batch ID or Lot Number: NED-HE-Elektra-R884	Test: Trace THC	Reported: 08Jun2023	USDA License: NA
Matrix: Unit	Test ID: T000245570	Started: 07Jun2023	Sampler ID: NA
	Method(s): TM20 (HPLC-DAD)	Received: 02Jun2023	Status: NA

Cannabinoids	Dynamic Range (%)	Result (%)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.001 - 0.695	ALOQ	18.62	N/A
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.002 - 1.391	ND	0.00	N/A
Total Potential THC	-	ALOQ	18.62	

Final Approval



Sam Smith
08Jun2023
01:07:00 PM MDT

PREPARED BY / DATE



Karen Winternheimer
08Jun2023
01:12:00 PM MDT

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<https://results.botanacor.com/api/v1/coas/uuid/aac6a860-7f43-4f8e-b50e-5e0d04fb9071>

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

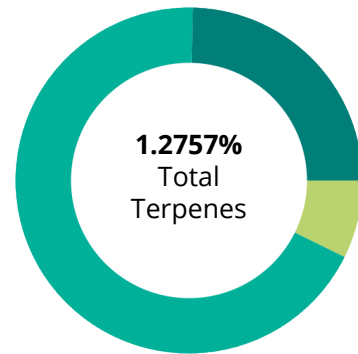
5345 Arapahoe Ave STE 4
BOULDER, CO USA 80303

NED Elektra Hemp Extract Run 884

Batch ID or Lot Number: NED-HE-Elektra-R884	Test: Terpenes	Reported: 08Jun2023	USDA License: NA
Matrix: Concentrate	Test ID: T000245571	Started: 07Jun2023	Sampler ID: NA
	Method(s): TM22 (GC-MS)	Received: 02Jun2023	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	0.3146	3.146
alpha-Pinene	0.0000	0.0000
alpha-Terpinene	0.0000	0.0000
beta-Caryophyllene	0.8682	8.682
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	0.0929	0.929
Ocimene	0.0000	0.0000
p-Cymene	0.0000	0.0000
Terpinolene	0.0000	0.0000
trans-Nerolidol	0.0000	0.0000
Total	1.2757	12.7570



PREDOMINANT TERPENES

(-)-alpha-Bisabolol	0.0000
(-)-beta-Pinene	0.0000
alpha-Humulene	0.3146
alpha-Pinene	0.0000
alpha-Terpinene	0.0000
beta-Caryophyllene	0.8682
beta-Myrcene	0.0000
d-Limonene	0.0000
delta-3-Carene	0.0000
Linalool	0.0929

Notes

Final Approval



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Karen Winternheimer
08Jun2023
04:08:00 PM MDT



APPROVED BY / DATE

Sam Smith
08Jun2023
04:11:00 PM MDT



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BOULDER, CO USA 80303

NED Elektra Hemp Extract Run 884

Batch ID or Lot Number: NED-HE-Elektra-R884	Test: Residual Solvents	Reported: 06Jun2023	USDA License: N/A
Matrix: Concentrate	Test ID: T000245575	Started: 05Jun2023	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 02Jun2023	Status: Active

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	90 - 1792	ND	
Butanes (Isobutane, n-Butane)	182 - 3637	ND	
Methanol	54 - 1089	ND	
Pentane	91 - 1817	ND	
Ethanol	91 - 1821	>1821	
Acetone	88 - 1767	ND	
Isopropyl Alcohol	90 - 1807	ND	
Hexane	5 - 107	ND	
Ethyl Acetate	90 - 1792	725	
Benzene	0.2 - 3.8	ND	
Heptanes	95 - 1893	ND	
Toluene	16 - 324	ND	
Xylenes (m,p,o-Xylenes)	119 - 2378	ND	

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Sam Smith
06Jun2023
08:01:00 AM MDT

PREPARED BY / DATE



Karen Winternheimer
06Jun2023
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<https://results.botanacor.com/api/v1/coas/uuid/c84cc929-c574-4ed1-bdab-f7e3ce8188fa>

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 Elektra Hemp Extract Run 884

Batch ID or Lot Number: NED-HE-Elektra-R884	Test: Microbial Contaminants	Reported: 05Jun2023	USDA License: NA
Matrix: Finished Product	Test ID: T000245573	Started: 02Jun2023	Sampler ID: NA
	Method(s): TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Received: 02Jun2023	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



Eden Thompson-Wright
05Jun2023
02:55:00 PM MDT

PREPARED BY / DATE



Brianne Maillot
05Jun2023
04:01:00 PM MDT

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<https://results.botanacor.com/api/v1/coas/uuid/5a082e7c-afe3-4d37-8f0a-b9d5feb1ee22>

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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BOULDER, CO USA 80303

NED Elektra Hemp Extract Run 884

Batch ID or Lot Number: NED-HE-Elektra-R884	Test: Heavy Metals	Reported: 07Jun2023	USDA License: NA
Matrix: Concentrate	Test ID: T000245574	Started: 06Jun2023	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 02Jun2023	Status: NA

Heavy Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 5.04	ND	
Cadmium	0.05 - 5.01	ND	
Mercury	0.05 - 4.88	ND	
Lead	0.05 - 5.05	ND	

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Sam Smith
07Jun2023
11:54:00 AM MDT

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Karen Winternheimer
07Jun2023
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<https://results.botanacor.com/api/v1/coas/uuid/cd232098-e031-4e38-81c3-801f5a59992e>

Definitions

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NED & CO. LLC

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BOULDER, CO USA 80303

NED Elektra Hemp Extract Run 884

Batch ID or Lot Number: NED-HE-Elektra-R884	Test: Pesticides	Reported: 05Jun2023	USDA License: NA
Matrix: Concentrate	Test ID: T000245572	Started: 01Jun2023	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 02Jun2023	Status: NA

Pesticides	Dynamic Range (ppb)	Result (ppb)	Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	259 - 2844	ND	Malathion	290 - 2732	ND
Acephate	42 - 2785	ND	Metalaxyl	44 - 2731	ND
Acetamiprid	42 - 2735	ND	Methiocarb	43 - 2750	ND
Azoxystrobin	46 - 2696	ND	Methomyl	42 - 2794	ND
Bifenazate	41 - 2719	ND	MGK 264 1	180 - 1681	ND
Boscalid	52 - 2649	ND	MGK 264 2	114 - 1072	ND
Carbaryl	41 - 2726	ND	Myclobutanil	41 - 2740	ND
Carbofuran	43 - 2710	ND	Naled	49 - 2751	ND
Chlorantraniliprole	41 - 2771	ND	Oxamyl	43 - 2776	ND
Chlorpyrifos	51 - 2721	ND	Pacllobutrazol	45 - 2738	ND
Clofentezine	291 - 2751	ND	Permethrin	262 - 2719	301
Diazinon	284 - 2724	ND	Phosmet	39 - 2688	ND
Dichlorvos	285 - 2789	ND	Prophos	281 - 2732	ND
Dimethoate	44 - 2745	ND	Propoxur	41 - 2716	ND
E-Fenpyroximate	282 - 2714	ND	Pyridaben	289 - 2686	ND
Etofenprox	42 - 2693	ND	Spinosad A	34 - 2079	ND
Etoxazole	290 - 2686	ND	Spinosad D	63 - 656	ND
Fenoxycarb	13 - 2766	ND	Spiromesifen	265 - 2700	ND
Fipronil	28 - 2735	ND	Spirotetramat	274 - 2738	ND
Flonicamid	50 - 2822	ND	Spiroxamine 1	19 - 1212	ND
Fludioxonil	296 - 2655	ND	Spiroxamine 2	22 - 1523	ND
Hexythiazox	39 - 2714	ND	Tebuconazole	293 - 2735	ND
Imazalil	301 - 2741	ND	Thiacloprid	42 - 2724	ND
Imidacloprid	42 - 2778	ND	Thiamethoxam	40 - 2772	ND
Kresoxim-methyl	52 - 2733	ND	Trifloxystrobin	43 - 2707	ND

Final Approval


Sam Smith
05Jun2023
11:12:00 AM MDT

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Karen Winternheimer
05Jun2023
11:20:00 AM MDT

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<https://results.botanacor.com/api/v1/coas/uuid/bd920b49-6fc3-4fcc-a345-0984932665f8>

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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