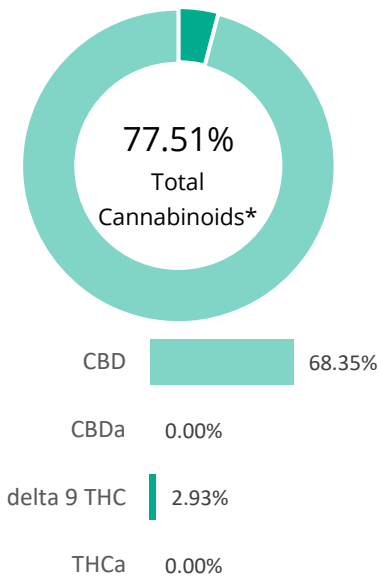


NED-HE-Elektra-875

Batch ID:	Ned Hemp Extract Electra Run 875	Test ID:	T000188652
Type:	Concentrate	Submitted:	01/21/2022 @ 10:44 AM
Test:	Potency	Started:	1/25/2022
Method:	TM14 (HPLC-DAD)	Reported:	1/26/2022

CANNABINOID PROFILE



Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.10	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.12	2.93	29.3
Cannabidiolic acid (CBDA)	0.14	ND	ND
Cannabidiol (CBD)	0.13	68.35	683.5
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.13	ND	ND
Cannabinolic Acid (CBNA)	0.07	ND	ND
Cannabinol (CBN)	0.03	0.12	1.2
Cannabigerolic acid (CBGA)	0.11	ND	ND
Cannabigerol (CBG)	0.03	2.89	28.9
Tetrahydrocannabivarinic Acid (THCVA)	0.09	ND	ND
Tetrahydrocannabivarin (THCV)	0.02	ND	ND
Cannabidivarinic Acid (CBDVA)	0.06	ND	ND
Cannabidivarin (CBDV)	0.03	0.26	2.6
Cannabichromenic Acid (CBCA)	0.04	ND	ND
Cannabichromene (CBC)	0.05	2.96	29.6
Total Cannabinoids		77.51	775.1
Total Potential THC**		2.93	29.3
Total Potential CBD**		68.35	683.5

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

* 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.

$$\text{Total THC} = \text{THC} + (\text{THCa} * (0.877)) \text{ and}$$


$$\text{Total CBD} = \text{CBD} + (\text{CBDA} * (0.877))$$

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


NOTES:

N/A

FINAL APPROVAL


 Jacob Miller
26-Jan-2022
1:45 PM

PREPARED BY / DATE


 Daniel Weidensaul
26-Jan-2022
2:18 PM

APPROVED BY / DATE

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Certificate #4329.02

NED-HE-Elektra-875

Batch ID:	Ned Hemp Extract Electra Run 875	Test ID:	T000188653
Type:	Concentrate	Submitted:	01/21/2022 @ 10:44 AM
Test:	Trace THC	Started:	1/25/2022
Method:	TM20 (HPLC-DAD)	Reported:	1/26/2022

TRACE THC/THCa PROFILE

Compound	Dynamic Range (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.001 - 0.646	ALOQ***	ALOQ***
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.001 - 1.293	ND**	ND**
Total Potential THC*		ALOQ***	ALOQ***

% = % (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)

NOTES:

N/A

FINAL APPROVAL

Sam Smith
26-Jan-2022
11:49 AMDaniel Weidensaul
26-Jan-2022
11:54 AM

PREPARED BY / DATE

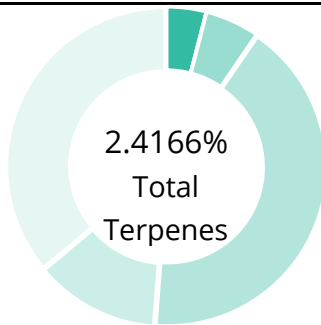
APPROVED BY / DATE

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NED-HE-Elektra-875

Batch ID:	Ned Hemp Extract Electra Run 875	Test ID:	T000188654
Type:	Concentrate	Submitted:	01/21/2022 @ 10:44 AM
Test:	Terpenes	Started:	1/24/2022
Method:	TM22 (GC-MS)	Reported:	1/25/2022

TERPENE PROFILE



Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.8146	8.146
Camphene	0.0000	0.000
delta-3-Carene	0.0000	0.000
beta-Caryophyllene	0.9408	9.408
(-)-Caryophyllene Oxide	0.0996	0.996
p-Cymene	0.0000	0.000
Eucalyptol	0.0000	0.000
Geraniol	0.0000	0.000
alpha-Humulene	0.2866	2.866
(-)-Isopulegol	0.0000	0.000
d-Limonene	0.0000	0.000
Linalool	0.1244	1.244
beta-Myrcene	0.0909	0.909
cis-Nerolidol	0.0000	0.000
trans-Nerolidol	0.0413	0.413
Ocimene	0.0000	0.000
beta-Ocimene	0.0184	0.184
alpha-Pinene	0.0000	0.000
(-)-beta-Pinene	0.0000	0.000
alpha-Terpinene	0.0000	0.000
gamma-Terpinene	0.0000	0.000
Terpinolene	0.0000	0.000
Total	2.4166	24.166

PREDOMINANT TERPENES

alpha-Pinene	0.0000
(-)-beta-Pinene	0.0000
beta-Myrcene	0.0909
delta-3-Carene	0.0000
alpha-Terpinene	0.0000
d-Limonene	0.0000
Linalool	0.1244
beta-Caryophyllene	0.9408
alpha-Humulene	0.2866
(-)-alpha-Bisabolol	0.8146

NOTES:

N/A

FINAL APPROVAL


 Rvan Weems
 25-Jan-2022
 2:26 PM


 Jacob Miller
 25-Jan-2022
 2:29 PM

PREPARED BY / DATE

APPROVED BY / DATE

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A2LA Certificate Number 4329.02



Certificate #4329.02


Prepared for:


NED-HE-Elektra-875
NED & CO. LLC

Batch ID or Lot Number: Ned Hemp Extract Electra Run 875	Test: Residual Solvents	Reported: 1/26/22	Location: 5345 Arapahoe Ave STE 4 BOULDER, CO 80303
Matrix: N/A	Test ID: T000188658	Started: 1/26/22	USDA License: N/A
Status: N/A	Methods: TM04 (GC-MS): Residual Solvents	Received: 01/21/2022 @ 10:44 AM	Sampler ID: N/A

RESIDUAL SOLVENTS DETERMINATION

Solvent	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	72 - 1448	*ND	
Butanes (Isobutane, n-Butane)	147 - 2949	*ND	
Methanol	53 - 1051	*ND	
Pentane	78 - 1567	*ND	
Ethanol	82 - 1633	>1633	
Acetone	85 - 1710	*ND	
Isopropyl Alcohol	89 - 1790	*ND	
Hexane	5 - 103	*ND	
Ethyl Acetate	85 - 1695	1468	
Benzene	0.2 - 3.6	*ND	
Heptanes	87 - 1743	*ND	
Toluene	15 - 309	*ND	
Xylenes (m,p,o-Xylenes)	112 - 2249	*ND	


 Sam Smith
 26-Jan-22
 2:51 PM


 Daniel Weidensaul
 26-Jan-22
 2:54 PM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

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

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Certificate #4329.02

Prepared for:


NED-HE-Elektra-875
NED & CO. LLC

Batch ID or Lot Number: Ned Hemp Extract Electra Run 875	Test: Pesticides	Reported: 1/26/22	Location: 5345 Arapahoe Ave STE 4 BOULDER, CO 80303
Matrix: Concentrate	Test ID: T000188655	Started: 1/25/22	USDA License: N/A
Status: N/A	Method: TM17(LC-QQQ LC MS/MS):	Received: 01/21/2022 @ 10:44 AM	Sampler ID: N/A

PESTICIDE DETERMINATION

Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)
Acephate	39	ND	Fenoxycarb	40	ND	Paclobutrazol	44	ND
Acetamiprid	41	ND	Fipronil	45	ND	Permethrin	316	ND
Avermectin	374	ND	Flonicamid	45	ND	Phosmet	42	ND
Azoxystrobin	45	ND	Fludioxonil	319	ND	Prophos	322	ND
Bifenazate	44	ND	Hexythiazox	32	ND	Propoxur	42	ND
Boscalid	37	ND	Imazalil	286	ND	Pyridaben	305	ND
Carbaryl	39	ND	Imidacloprid	41	ND	Spinosad A	32	ND
Carbofuran	42	ND	Kresoxim-methyl	150	ND	Spinosad D	53	ND
Chlorantraniliprole	47	ND	Malathion	299	ND	Spiromesifen	293	ND
Chlorpyrifos	500	ND	Metalaxyl	43	ND	Spirotetramat	290	ND
Clofentezine	291	ND	Methiocarb	41	ND	Spiroxamine 1	15	ND
Diazinon	284	ND	Methomyl	39	ND	Spiroxamine 2	25	ND
Dichlorvos	294	ND	MGK 264 1	176	ND	Tebuconazole	292	ND
Dimethoate	43	ND	MGK 264 2	116	ND	Thiacloprid	41	ND
E-Fenpyroximate	312	ND	Myclobutanil	43	ND	Thiamethoxam	39	ND
Etofenprox	50	ND	Naled	43	ND	Trifloxystrobin	41	ND
Etoxazole	313	ND	Oxamyl	1500	ND			


 Sam Smith
 1/26/2022
 2:30:00 PM


 Daniel Weidensaul
 1/26/2022
 2:37:00 PM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

LOQ = Limit of Quantification
 ppb = Parts per Billion

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Certificate #4329.02

NED-HE-Elektra-875

Batch ID:	Ned Hemp Extract Electra Run 875	Test ID:	T000188656
Matrix:	Concentrate	Received:	01/21/2022 @ 10:44 AM
Test:	Microbial Contaminants	Started:	1/21/2022
Methods:	TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Reported:	1/24/2022

MICROBIAL CONTAMINANTS

Contaminant	Method	LOD	Quantitation Range	Result
Total Yeast and Mold*	TM-24 Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴ CFU/g	None Detected
Total Aerobic Bacteria*	TM-26 Culture Plating	10 ² CFU/g	1.0x10 ³ - 1.5x10 ⁵ CFU/g	None Detected
Total Coliforms*	TM-27 Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴ CFU/g	None Detected
STEC	TM-25 PCR	10 ⁰ CFU/g	N/A	Absent
Salmonella	TM-25 PCR	10 ⁰ CFU/g	N/A	Absent

* 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


NOTES:

Free from visual mold, mildew, and foreign matter

DEFINITIONS:

CFU/g = Colony Forming Units per gram | LOD = Limit of Detection | STEC = Shiga toxin-producing E. coli
 LLOQ = Lower Limit of Quantitation | ULOQ = Upper Limit of Quantitation

FINAL APPROVAL


 Brett Hudson
 1/24/2022
 5:05:00 PM


 Jackson Osaghae-Nosa
 1/24/2022
 5:14:00 PM

PREPARED BY / DATE

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Certificate #4329.03


Prepared for:

NED-HE-Elektra-875
NED & CO. LLC


Batch ID or Lot Number: Ned Hemp Extract Electra Run 875	Test: Metals	Reported: 1/26/22	Location: 5345 Arapahoe Ave STE 4 BOULDER, CO 80303
Matrix: Concentrate	Test ID: T000188657	Started: 1/25/22	USDA License: N/A
Status: N/A	Method: TM19 (ICP-MS); Heavy Metals	Received: 01/21/2022 @ 10:44 AM	Sampler ID: N/A

HEAVY METALS DETERMINATION

Compound	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.046 - 4.58	ND	
Cadmium	0.047 - 4.67	ND	
Mercury	0.045 - 4.53	ND	
Lead	0.046 - 4.59	ND	


 Daniel Weidensaul
 26-Jan-22
 2:12 PM

PREPARED BY / DATE


 Sam Smith
 26-Jan-22
 2:17 PM

APPROVED BY / DATE

Definitions

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

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