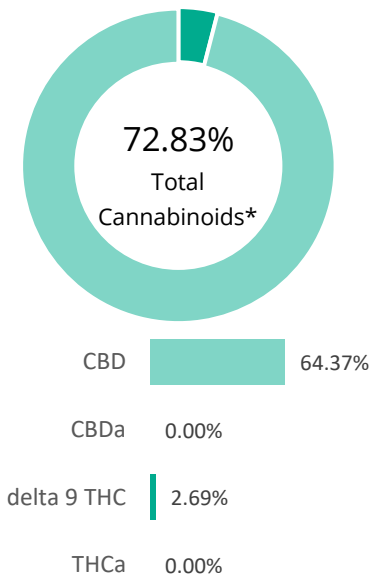


NED-HE-EK-869

Batch ID:	Elektra 869	Test ID:	T000157052
Type:	Concentrate	Submitted:	08/12/2021 @ 01:03 PM
Test:	Potency	Started:	8/13/2021
Method:	TM14 (HPLC-DAD)	Reported:	8/17/2021

CANNABINOID PROFILE



Compound	LOQ (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.11	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.13	2.69	26.9
Cannabidiolic acid (CBDA)	0.20	ND	ND
Cannabidiol (CBD)	0.20	64.37	643.7
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.14	ND	ND
Cannabinolic Acid (CBNA)	0.08	ND	ND
Cannabinol (CBN)	0.04	ND	ND
Cannabigerolic acid (CBGA)	0.12	ND	ND
Cannabigerol (CBG)	0.03	3.07	30.7
Tetrahydrocannabivarinic Acid (THCVA)	0.10	ND	ND
Tetrahydrocannabivarin (THCV)	0.03	ND	ND
Cannabidivarinic Acid (CBDVA)	0.08	ND	ND
Cannabidivarin (CBDV)	0.05	0.30	3.0
Cannabichromenic Acid (CBCA)	0.04	ND	ND
Cannabichromene (CBC)	0.05	2.40	24.0
Total Cannabinoids		72.83	728.3
Total Potential THC**		2.69	26.9
Total Potential CBD**		64.37	643.7

% = % (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

 Taylor Brevik 17-Aug-2021 1:01 PM	 Daniel Weidensaul 17-Aug-2021 1:14 PM
PREPARED BY / DATE	APPROVED BY / DATE

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Certificate #4329.02

NED-HE-EK-869

Batch ID:	Elektra 869	Test ID:	T000157053
Type:	Concentrate	Submitted:	08/12/2021 @ 01:03 PM
Test:	Trace THC	Started:	8/18/2021
Method:	TM20 (HPLC-DAD)	Reported:	8/19/2021

TRACE THC/THCa PROFILE

Compound	Dynamic Range (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.001 - 0.682	ALOQ***	ALOQ***
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.002 - 1.365	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

Taylor Brevik
19-Aug-2021
9:31 AMSam Smith
19-Aug-2021
9:37 AM

PREPARED BY / DATE

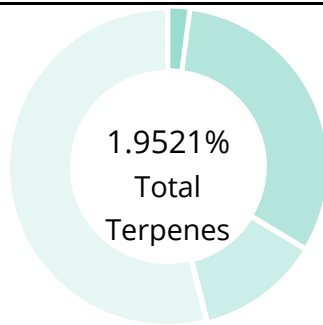
APPROVED BY / DATE

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NED-HE-EK-869

Batch ID:	Elektra 869	Test ID:	T000157054
Type:	Concentrate	Submitted:	08/12/2021 @ 01:03 PM
Test:	Terpenes	Started:	8/18/2021
Method:	TM22 (GC-MS)	Reported:	8/19/2021

TERPENE PROFILE



Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	1.0195	10.195
Camphene	0.0000	0.000
delta-3-Carene	0.0000	0.000
beta-Caryophyllene	0.5960	5.960
(-)-Caryophyllene Oxide	0.0000	0.000
p-Cymene	0.0000	0.000
Eucalyptol	0.0000	0.000
Geraniol	0.0000	0.000
alpha-Humulene	0.2350	2.350
(-)-Isopulegol	0.0000	0.000
d-Limonene	0.0000	0.000
Linalool	0.0397	0.397
beta-Myrcene	0.0000	0.000
cis-Nerolidol	0.0000	0.000
trans-Nerolidol	0.0619	0.619
Ocimene	0.0000	0.000
beta-Ocimene	0.0000	0.000
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
	1.9521	19.521

PREDOMINANT TERPENES

alpha-Pinene	0.0000
(-)-beta-Pinene	0.0000
beta-Myrcene	0.0000
delta-3-Carene	0.0000
alpha-Terpinene	0.0000
d-Limonene	0.0000
Linalool	0.0397
beta-Caryophyllene	0.5960
alpha-Humulene	0.2350
(-)-alpha-Bisabolol	1.0195

NOTES:

N/A

FINAL APPROVAL



 Daniel Weidensaul
 19-Aug-2021
 5:08 PM



 Ryan Weems
 19-Aug-2021
 5:10 PM

PREPARED BY / DATE

APPROVED BY / DATE

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A2LA Certificate Number 4329.02



Certificate #4329.02

Prepared for:

NED-HE-EK-869
NED & CO. LLC

Batch ID or Lot Number: Elektra 869	Test: Residual Solvents	Reported: 8/17/21	Location: 5345 Arapahoe Ave STE 4 BOULDER, CO 80303
Matrix: N/A	Test ID: T000157058	Started: 8/16/21	USDA License: N/A
Status: N/A	Methods: TM04 (GC-MS): Residual Solvents	Received: 08/12/2021 @ 01:03 PM	Sampler ID: N/A

RESIDUAL SOLVENTS DETERMINATION

Solvent	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	80 - 1590	*ND	
Butanes (Isobutane, n-Butane)	151 - 3015	*ND	
Methanol	58 - 1154	*ND	
Pentane	84 - 1687	*ND	
Ethanol	92 - 1837	>1837	
Acetone	95 - 1891	*ND	
Isopropyl Alcohol	101 - 2012	1239	
Hexane	6 - 117	*ND	
Ethyl Acetate	96 - 1923	453	
Benzene	0 - 4	*ND	
Heptanes	90 - 1806	*ND	
Toluene	17 - 345	*ND	
Xylenes (m,p,o-Xylenes)	126 - 2515	*ND	



 Taylor Brevik
17-Aug-21
1:37 PM



 Daniel Weidensaul
17-Aug-21
1:42 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-EK-869
NED & CO. LLC

Batch ID or Lot Number: Elektra 869	Test: Pesticides	Reported: 8/20/21	Location: 5345 Arapahoe Ave STE 4 BOULDER, CO 80303
Matrix: Concentrate	Test ID: T000157055	Started: 8/19/21	USDA License: N/A
Status: N/A	Method: TM17(LC-QQQ LC MS/MS):	Received: 08/12/2021 @ 01:03 PM	Sampler ID: N/A

PESTICIDE DETERMINATION

Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)
Acephate	33	ND	Fenoxycarb	34	ND	Paclobutrazol	34	ND
Acetamiprid	34	ND	Fipronil	22	ND	Permethrin	292	388
Avermectin	378	ND	Flonicamid	45	ND	Phosmet	33	ND
Azoxystrobin	37	ND	Fludioxonil	292	ND	Prophos	285	ND
Bifenazate	40	ND	Hexythiazox	34	ND	Propoxur	34	ND
Boscalid	34	ND	Imazalil	286	ND	Pyridaben	303	ND
Carbaryl	30	ND	Imidacloprid	35	ND	Spinosad A	27	ND
Carbofuran	34	ND	Kresoxim-methyl	150	ND	Spinosad D	56	ND
Chlorantraniliprole	32	ND	Malathion	310	ND	Spiromesifen	275	ND
Chlorpyrifos	500	ND	Metalaxyl	36	ND	Spirotetramat	258	ND
Clofentezine	305	ND	Methiocarb	32	ND	Spiroxamine 1	14	ND
Diazinon	296	ND	Methomyl	35	ND	Spiroxamine 2	18	ND
Dichlorvos	277	ND	MGK 264 1	165	ND	Tebuconazole	322	ND
Dimethoate	33	ND	MGK 264 2	126	ND	Thiacloprid	35	ND
E-Fenpyroximate	296	ND	Myclobutanil	32	ND	Thiamethoxam	34	ND
Etofenprox	35	ND	Naled	36	ND	Trifloxystrobin	36	ND
Etoxazole	317	ND	Oxamyl	1500	ND			


 Karen Winternheimer
 8/20/2021
 2:32:00 PM


 Sam Smith
 8/20/2021
 2:36:00 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-EK-869

Batch ID:	Elektra 869	Test ID:	T000157056
Matrix:	Concentrate	Received:	08/12/2021 @ 01:03 PM
Test:	Microbial Contaminants	Started:	8/13/2021
Method:	TM25 (qPCR) TM24, TM26, TM27, TM28 (Culture Plating)	Reported:	8/17/2021

MICROBIAL CONTAMINANTS

Contaminant	Method	LOD	LLOQ	ULOQ	Result
Total Aerobic Count*	TM-26 Culture Plating	10 ² CFU/g	10 ³ CFU/g	1.5x10 ⁵ CFU/g	None Detected
Total Coliforms*	TM-27 Culture Plating	10 ¹ CFU/g	10 ² CFU/g	1.5x10 ⁴ CFU/g	None Detected
Total Yeast and Molds*	TM-24 Culture Plating	10 ¹ CFU/g	10 ² CFU/g	1.5x10 ⁴ CFU/g	None Detected
E. coli	TM-28 Culture Plating	1 CFU/g	NA	NA	Absent
E. coli (STEC)	TM-25 PCR	1 CFU/g	NA	NA	Absent
Salmonella	TM-25 PCR	1 CFU/g	NA	NA	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


ULOQ = Upper Limit of Quantitation

LLOQ = Lower Limit of Quantitation

FINAL APPROVAL


Jackson Osaghae-Nos:
17-Aug-2021
10:16 AM

PREPARED BY / DATE


Sarah Henning
17-Aug-2021
3:26 PM

APPROVED BY / DATE

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Certificate #4329.03

NED-HE-EK-869

Batch ID:	Elektra 869	Test ID:	T000157057
Type:	Concentrate	Submitted:	08/12/2021 @ 01:03 PM
Test:	Metals	Started:	8/17/2021
Method:	TM19 (ICP-MS)	Reported:	8/18/2021

HEAVY METALS


Analyte	Dynamic Range (ppm)	Result (ppm)
Arsenic	0.045 - 4.48	ND
Cadmium	0.045 - 4.46	ND
Mercury	0.044 - 4.44	ND
Lead	0.041 - 4.14	0.083

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

FINAL APPROVAL


Ryan Weems
18-Aug-2021
4:04 PM

PREPARED BY / DATE


Sam Smith
18-Aug-2021
4:15 PM

APPROVED BY / DATE

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