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CERTIFICATE OF ANALYSIS

Prepared for:
NED & CO. LLC
5345 Arapahoe Ave STE 4
BOULDER, CO USA 80303

NED Daily Blend 300mg Batch 036

Batch ID or Lot Number:	Test:	Reported:	USDA License:
NED-FSO-300-B036	**Potency**	**20Nov2023**	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Solution	T000262291	17Nov2023	N/A
	Method(s):	Received:	Status:
	TM14 (HPLC-DAD)	16Nov2023	N/A

Cannabinoids

	LOD (mg/mL)	**LOQ** (mg/mL)	**Result** (mg/mL)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	0.048	0.172	0.420	0.40	Density = 0.94g/mL
Cannabichromenic Acid (CBCA)	0.044	0.157	ND	ND	
Cannabidiol (CBD)	0.150	0.400	9.910	10.50	
Cannabidiolic Acid (CBDA)	0.154	0.411	ND	ND	
Cannabidivarin (CBDV)	0.036	0.095	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.064	0.171	ND	ND	
Cannabigerol (CBG)	0.027	0.098	0.400	0.40	
Cannabigerolic Acid (CBGA)	0.113	0.408	ND	ND	
Cannabinol (CBN)	0.035	0.127	ND	ND	
Cannabinolic Acid (CBNA)	0.077	0.278	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.135	0.486	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.123	0.442	<LOQ	<LOQ	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.109	0.391	ND	ND	
Tetrahydrocannabivarin (THCV)	0.025	0.089	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.096	0.345	ND	ND	
Total Cannabinoids			**10.730**	**11.30**	
Total Potential THC			0.000	0.00	
Total Potential CBD			9.910	10.50	

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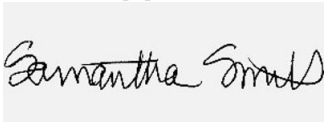

Sam Smith
20Nov2023
03:36:00 PM MST

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Karen Winternheimer
20Nov2023
03:38:00 PM MST

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/31eb337a-7d79-4a21-8921-37184de04a1b

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)).

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NED Daily Blend 300mg Batch 036

Batch ID or Lot Number:	Test:	Reported:	USDA License:
NED-FSO-300-B036	**Trace THC**	**22Nov2023**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Unit	T000262292	21Nov2023	NA
	Method(s):	Received:	Status:
	TM20 (HPLC-DAD)	16Nov2023	NA

Cannabinoids

	Dynamic Range (%)	Result (%)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.001 - 0.690	0.042	0.42	N/A
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.002 - 1.380	ND	0.00	N/A
Total Potential THC	**-**	**0.042**	**0.42**	

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Samantha Smith
Sam Smith
22Nov2023
07:59:00 AM MST
PREPARED BY / DATE

K Winternheimer
Karen Winternheimer
22Nov2023
08:03:00 AM MST
APPROVED BY / DATE

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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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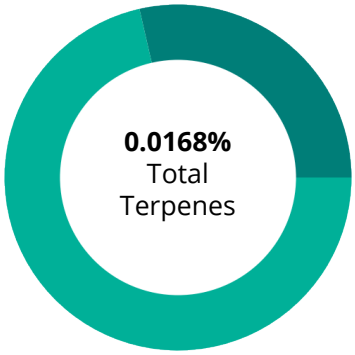
NED & CO. LLC
5345 Arapahoe Ave STE 4
BOULDER, CO USA 80303

NED Daily Blend 300mg Batch 036

Batch ID or Lot Number:	Test:	Reported:	USDA License:
NED-FSO-300-B036	**Terpenes**	**17Nov2023**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Concentrate	T000262293	16Nov2023	NA
	Method(s):	Received:	Status:
	TM22 (GC-MS)	16Nov2023	NA

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	0.0048	0.048
alpha-Pinene	0.0000	0.0000
alpha-Terpinene	0.0000	0.0000
beta-Caryophyllene	0.0120	0.120
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
	0.0168	**0.1680**



PREDOMINANT TERPENES

(-)-alpha-Bisabolol	0.0000
(-)-beta-Pinene	0.0000
alpha-Humulene	0.0048
alpha-Pinene	0.0000
alpha-Terpinene	0.0000
beta-Caryophyllene	0.0120
beta-Myrcene	0.0000
d-Limonene	0.0000
delta-3-Carene	0.0000
Linalool	0.0000

Notes

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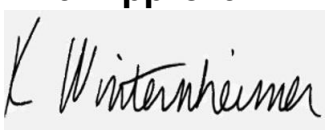

Karen Winternheimer
17Nov2023
10:41:00 AM MST
PREPARED BY / DATE

Sam Smith
17Nov2023
10:42:00 AM MST
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NED & CO. LLC
5345 Arapahoe Ave STE 4
BOULDER, CO USA 80303

NED Daily Blend 300mg Batch 036

Batch ID or Lot Number:	Test:	Reported:	USDA License:
NED-FSO-300-B036	**Residual Solvents**	**18Nov2023**	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Concentrate	T000262297	17Nov2023	N/A
	Method(s):	Received:	Status:
	TM04 (GC-MS): Residual Solvents	16Nov2023	Active

Residual Solvents

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Propane	101 - 2029	ND	
Butanes (Isobutane, n-Butane)	200 - 4000	ND	
Methanol	66 - 1330	ND	
Pentane	103 - 2054	ND	
Ethanol	106 - 2115	ND	
Acetone	106 - 2113	ND	
Isopropyl Alcohol	115 - 2306	ND	
Hexane	7 - 132	ND	
Ethyl Acetate	109 - 2179	ND	
Benzene	0.2 - 4.4	ND	
Heptanes	104 - 2089	ND	
Toluene	20 - 391	ND	
Xylenes (m,p,o-Xylenes)	142 - 2846	ND	

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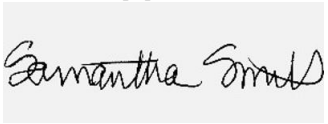

Sam Smith
19Nov2023
06:57:00 PM MST

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Karen Winternheimer
19Nov2023
06:59:00 PM MST

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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 Daily Blend 300mg Batch 036

Batch ID or Lot Number:	Test:	Reported:	USDA License:
NED-FSO-300-B036	**Microbial Contaminants**	**20Nov2023**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Finished Product	T000262295	16Nov2023	NA
	Method(s): TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Received: 16Nov2023	Status: NA

Microbial Contaminants

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10^0 CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
Salmonella	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	

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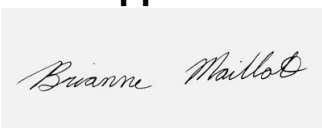

Brianne Maillot
20Nov2023
10:09:00 AM MST

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Brett Hudson
20Nov2023
12:21:00 PM MST

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https://results.botanacor.com/api/v1/coas/uuid/b05f876a-29a2-44d0-9ba0-0080bc481e0e

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: 10^2 = 100 CFU, 10^3 = 1,000 CFU, 10^4 = 10,000 CFU, 10^5 = 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 Daily Blend 300mg Batch 036

Batch ID or Lot Number:	Test:	Reported:	USDA License:
NED-FSO-300-B036	**Heavy Metals**	**21Nov2023**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Finished Product	T000262296	21Nov2023	NA
	Method(s):	Received:	Status:
	TM19 (ICP-MS): Heavy Metals	16Nov2023	NA

Heavy Metals

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Arsenic	0.04 - 4.30	ND	
Cadmium	0.04 - 4.47	ND	
Mercury	0.05 - 4.54	ND	
Lead	0.06 - 5.81	ND	

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Sam Smith
21Nov2023
01:57:00 PM MST
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Karen Winternheimer
21Nov2023
02:04:00 PM MST
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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 Daily Blend 300mg Batch 036

Batch ID or Lot Number:	Test:	Reported:	USDA License:
NED-FSO-300-B036	**Pesticides**	**24Nov2023**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Finished Product	T000262294	22Nov2023	NA
	Method(s):	Received:	Status:
	TM17 (LC-QQ LC MS/MS)	16Nov2023	NA

Pesticides

	Dynamic Range (ppb)	**Result** (ppb)
Abamectin	308 - 2713	ND
Acephate	58 - 2734	ND
Acetamiprid	59 - 2660	ND
Azoxystrobin	63 - 2666	ND
Bifenazate	60 - 2672	ND
Boscalid	64 - 2660	ND
Carbaryl	60 - 2693	ND
Carbofuran	60 - 2702	ND
Chlorantraniliprole	57 - 2685	ND
Chlorpyrifos	49 - 2768	ND
Clofentezine	282 - 2707	ND
Diazinon	294 - 2688	ND
Dichlorvos	251 - 2742	ND
Dimethoate	59 - 2686	ND
E-Fenpyroximate	287 - 2789	ND
Etofenprox	62 - 2756	ND
Etoxazole	291 - 2695	ND
Fenoxycarb	65 - 2675	ND
Fipronil	35 - 2735	ND
Flonicamid	66 - 2756	ND
Fludioxonil	314 - 2683	ND
Hexythiazox	56 - 2796	ND
Imazalil	286 - 2692	ND
Imidacloprid	61 - 2769	ND
Kresoxim-methyl	60 - 2746	ND

	Dynamic Range (ppb)	**Result** (ppb)
Malathion	294 - 2663	ND
Metalaxyl	61 - 2723	ND
Methiocarb	62 - 2711	ND
Methomyl	58 - 2730	ND
MGK 264 1	166 - 1630	ND
MGK 264 2	109 - 1067	ND
Myclobutanil	25 - 2723	ND
Naled	63 - 2709	ND
Oxamyl	57 - 2723	ND
Paclobutrazol	62 - 2670	ND
Permethrin	288 - 2797	ND
Phosmet	63 - 2568	ND
Prophos	293 - 2700	ND
Propoxur	61 - 2689	ND
Pyridaben	297 - 2760	ND
Spinosad A	45 - 2099	ND
Spinosad D	66 - 665	ND
Spiromesifen	288 - 2753	ND
Spirotetramat	299 - 2717	ND
Spiroxamine 1	22 - 1024	ND
Spiroxamine 2	34 - 1587	ND
Tebuconazole	274 - 2692	ND
Thiacloprid	60 - 2688	ND
Thiamethoxam	61 - 2732	ND
Trifloxystrobin	62 - 2703	ND

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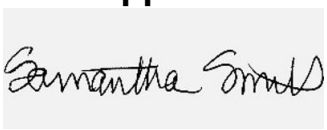

Sam Smith
24Nov2023
11:10:00 AM MST

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Karen Winternheimer
24Nov2023
11:13:00 AM MST

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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
ppb = Parts Per Billion

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