SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

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

NED Daily Blend 300mg Batch 035

Batch ID or Lot Number:	Test:	Reported:	USDA License:
NED-FSO-300-B035	**Potency**	**21Oct2022**	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Solution	T000224896	20Oct2022	N/A
	Method(s):	Received:	Status:
	TM14 (HPLC-DAD)	18Oct2022	N/A

Cannabinoids

	LOD (mg/mL)	**LOQ** (mg/mL)	**Result** (mg/mL)	**Result** (mg/g)	**Notes**
Cannabichromene (CBC)	0.063	0.185	0.450	0.50	Density = 0.94g/mL
Cannabichromenic Acid (CBCA)	0.057	0.169	ND	ND	
Cannabidiol (CBD)	0.166	0.500	11.200	11.90	
Cannabidiolic Acid (CBDA)	0.170	0.513	ND	ND	
Cannabidivarin (CBDV)	0.039	0.118	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.071	0.214	ND	ND	
Cannabigerol (CBG)	0.036	0.105	0.580	0.60	
Cannabigerolic Acid (CBGA)	0.149	0.439	ND	ND	
Cannabinol (CBN)	0.046	0.137	ND	ND	
Cannabinolic Acid (CBNA)	0.101	0.300	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.177	0.523	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.161	0.475	0.520	0.60	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.142	0.421	ND	ND	
Tetrahydrocannabivarin (THCV)	0.032	0.096	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.126	0.372	ND	ND	
Total Cannabinoids			**12.750**	**13.56**	
Total Potential THC			0.520	0.55	
Total Potential CBD			11.200	11.91	

Final Approval

Karen Winternheimer
21Oct2022
02:46:00 PM MDT

PREPARED BY / DATE

Sam Smith
21Oct2022
02:47:00 PM MDT

APPROVED BY / DATE

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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)).

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5345 Arapahoe Ave STE 4
BOULDER, CO USA 80303

NED Daily Blend 300mg Batch 035

Batch ID or Lot Number:	Test:	Reported:	USDA License:
NED-FSO-300-B035	**Trace THC**	**02Nov2022**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Unit	T000224897	24Oct2022	NA
	Method(s):	Received:	Status:
	TM20 (HPLC-DAD)	18Oct2022	NA

Cannabinoids

	Dynamic Range (%)	Result (%)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.001 - 0.678	0.048	0.48	N/A
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.002 - 1.356	ND	0.00	N/A
Total Potential THC	**-**	**0.048**	**0.48**	

Final Approval

Samantha Smith
Sam Smith
25Oct2022
07:40:00 AM MDT
PREPARED BY / DATE

K Winternheimer
Karen Winternheimer
25Oct2022
07:44:00 AM MDT
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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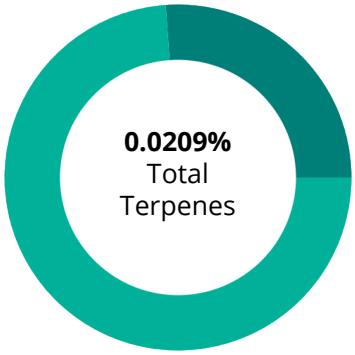
5345 Arapahoe Ave STE 4
BOULDER, CO USA 80303

NED Daily Blend 300mg Batch 035

Batch ID or Lot Number:	Test:	Reported:	USDA License:
NED-FSO-300-B035	**Terpenes**	**31Oct2022**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Unit	T000224898	16May2022	NA
	Method(s):	Received:	Status:
	TM22 (GC-MS)	18Oct2022	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	0.0052	0.052
alpha-Pinene	0.0000	0.0000
alpha-Terpinene	0.0000	0.0000
beta-Caryophyllene	0.0147	0.147
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	0.0010	0.010
	0.0209	**0.2090**



PREDOMINANT TERPENES

(-)-alpha-Bisabolol	0.0000
(-)-beta-Pinene	0.0000
alpha-Humulene	0.0052
alpha-Pinene	0.0000
alpha-Terpinene	0.0000
beta-Caryophyllene	0.0147
beta-Myrcene	0.0000
d-Limonene	0.0000
delta-3-Carene	0.0000
Linalool	0.0000

Notes

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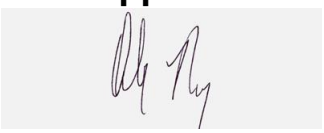

Alex Benson
31Oct2022
01:53:00 PM MDT

PREPARED BY / DATE

Sam Smith
31Oct2022
01:57:00 PM MDT

APPROVED BY / DATE

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Prepared for:
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5345 Arapahoe Ave STE 4
BOULDER, CO USA 80303

NED Daily Blend 300mg Batch 035

Batch ID or Lot Number:	Test:	Reported:	USDA License:
NED-FSO-300-B035	**Residual Solvents**	**20Oct2022**	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Concentrate	T000224902	19Oct2022	N/A
	Method(s):	Received:	Status:
	TM04 (GC-MS): Residual Solvents	18Oct2022	Active

Residual Solvents

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Propane	97 - 1932	ND	
Butanes (Isobutane, n-Butane)	201 - 4025	ND	
Methanol	63 - 1265	ND	
Pentane	107 - 2142	ND	
Ethanol	103 - 2063	ND	
Acetone	106 - 2116	ND	
Isopropyl Alcohol	107 - 2139	ND	
Hexane	6 - 129	ND	
Ethyl Acetate	106 - 2118	ND	
Benzene	0.2 - 4.3	ND	
Heptanes	108 - 2154	ND	
Toluene	19 - 382	ND	
Xylenes (m,p,o-Xylenes)	143 - 2850	ND	

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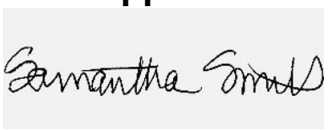

Sam Smith
20Oct2022
08:51:00 AM MDT

PREPARED BY / DATE

Karen Winternheimer
20Oct2022
08:54:00 AM MDT

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/536cd5c6-620d-4974-9823-ecc2824c906f

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 035

Batch ID or Lot Number:	Test:	Reported:	USDA License:
NED-FSO-300-B035	**Microbial Contaminants**	**21Oct2022**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Finished Product	T000224900	18Oct2022	NA
	Method(s): TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Received: 18Oct2022	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	

Final Approval

Eden Thompson-Wright
21Oct2022
03:24:00 PM MDT

PREPARED BY / DATE

Brianne Maillot
21Oct2022
03:33:00 PM MDT

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/9c28f0cc-0ed2-4d1b-b13d-0f4c7c917f10

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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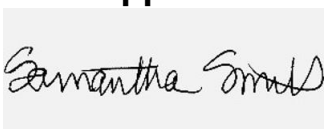
NED Daily Blend 300mg Batch 035

Batch ID or Lot Number:	Test:	Reported:	USDA License:
NED-FSO-300-B035	**Heavy Metals**	**25Oct2022**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Unit	T000224901	24Oct2022	NA
	Method(s):	Received:	Status:
	TM19 (ICP-MS): Heavy Metals	18Oct2022	NA

Heavy Metals

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Arsenic	0.04 - 4.19	ND	
Cadmium	0.04 - 4.28	ND	
Mercury	0.04 - 3.79	ND	
Lead	0.04 - 4.13	ND	

Final Approval



Sam Smith
25Oct2022
08:37:00 AM MDT

PREPARED BY / DATE

Karen Winternheimer
25Oct2022
08:42:00 AM MDT

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/c01084d2-911e-4601-9f29-7fd6bfce94d2

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 035

Batch ID or Lot Number:	Test:	Reported:	USDA License:
NED-FSO-300-B035	**Pesticides**	**26Oct2022**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Concentrate	T000224899	25Oct2022	NA
	Method(s):	Received:	Status:
	TM17 (LC-QQ LC MS/MS)	18Oct2022	NA

Pesticides

	Dynamic Range (ppb)	**Result** (ppb)
Abamectin	251 - 2634	ND
Acephate	35 - 2752	ND
Acetamiprid	36 - 2688	ND
Azoxystrobin	40 - 2741	ND
Bifenazate	38 - 2718	ND
Boscalid	41 - 2823	ND
Carbaryl	40 - 2721	ND
Carbofuran	41 - 2709	ND
Chlorantraniliprole	43 - 2763	ND
Chlorpyrifos	56 - 2830	ND
Clofentezine	279 - 2735	ND
Diazinon	277 - 2745	ND
Dichlorvos	258 - 2688	ND
Dimethoate	37 - 2672	ND
E-Fenpyroximate	283 - 2752	ND
Etofenprox	42 - 2757	ND
Etoxazole	288 - 2732	ND
Fenoxycarb	45 - 2766	ND
Fipronil	58 - 2756	ND
Flonicamid	39 - 2707	ND
Fludioxonil	286 - 2787	ND
Hexythiazox	39 - 2786	ND
Imazalil	259 - 2800	ND
Imidacloprid	42 - 2697	ND
Kresoxim-methyl	17 - 2783	ND

	Dynamic Range (ppb)	**Result** (ppb)
Malathion	288 - 2733	ND
Metalaxyl	40 - 2748	ND
Methiocarb	42 - 2801	ND
Methomyl	34 - 2705	ND
MGK 264 1	144 - 1597	ND
MGK 264 2	113 - 1138	ND
Myclobutanil	45 - 2760	ND
Naled	47 - 2735	ND
Oxamyl	38 - 2691	ND
Paclobutrazol	43 - 2705	ND
Permethrin	282 - 2780	ND
Phosmet	42 - 2720	ND
Prophos	287 - 2746	ND
Propoxur	40 - 2714	ND
Pyridaben	289 - 2762	ND
Spinosad A	30 - 2259	ND
Spinosad D	43 - 500	ND
Spiromesifen	270 - 2789	ND
Spirotetramat	260 - 2788	ND
Spiroxamine 1	16 - 1183	ND
Spiroxamine 2	20 - 1603	ND
Tebuconazole	294 - 2729	ND
Thiacloprid	36 - 2683	ND
Thiamethoxam	40 - 2711	ND
Trifloxystrobin	41 - 2738	ND

Final Approval

Sam Smith
26Oct2022
11:01:00 AM MDT
PREPARED BY / DATE

Karen Winternheimer
26Oct2022
11:05:00 AM MDT
APPROVED BY / DATE

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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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