SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

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

NED DeStress Blend 750mg Batch 005

Batch ID or Lot Number:	Test:	Reported:	USDA License:
NED-DS-750-B005	**Potency**	**20Nov2023**	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Solution	T000262283	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)	0.051	0.184	1.180	1.30	Density = 0.94g/mL
Cannabichromenic Acid (CBCA)	0.047	0.168	ND	ND	
Cannabidiol (CBD)	0.160	0.427	14.860	15.80	
Cannabidiolic Acid (CBDA)	0.164	0.438	ND	ND	
Cannabidivarin (CBDV)	0.038	0.101	<LOQ	<LOQ	
Cannabidivarinic Acid (CBDVA)	0.069	0.183	ND	ND	
Cannabigerol (CBG)	0.029	0.104	12.770	13.60	
Cannabigerolic Acid (CBGA)	0.121	0.436	ND	ND	
Cannabinol (CBN)	0.038	0.136	<LOQ	<LOQ	
Cannabinolic Acid (CBNA)	0.083	0.297	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.144	0.519	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.131	0.471	0.740	0.80	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.116	0.418	ND	ND	
Tetrahydrocannabivarin (THCV)	0.026	0.095	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.102	0.368	ND	ND	
Total Cannabinoids			**29.550**	**31.50**	
Total Potential THC			0.740	0.80	
Total Potential CBD			14.860	15.80	

Final Approval

Sam Smith
20Nov2023
03:36:00 PM MST

PREPARED BY / DATE

Karen Winternheimer
20Nov2023
03:38:00 PM MST

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/e148b91c-410b-4a03-a2be-aa4ce2f2fd15

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)).

e148b91c410b4a03a2beaa4ce2f2fd15.1

SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

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

NED DeStress Blend 750mg Batch 005

Batch ID or Lot Number:	Test:	Reported:	USDA License:
NED-DS-750-B005	**Trace THC**	**05Oct2023**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Unit	T000257656	04Oct2023	NA
	Method(s):	Received:	Status:
	TM20 (HPLC-DAD)	29Sep2023	NA

Cannabinoids

	Dynamic Range (%)	Result (%)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.001 - 0.667	0.081	0.81	N/A
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.002 - 1.336	ND	0.00	N/A
Total Potential THC	**-**	**0.081**	**0.81**	

Final Approval

Sam Smith
05Oct2023
07:04:00 AM MDT
PREPARED BY / DATE

Karen Winternheimer
05Oct2023
07:08:00 AM MDT
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/8d244150-0fcb-473b-9086-8a2d8d91db67

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

Cert #4329.02
8d2441500fcb473b90868a2d8d91db67.1

SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

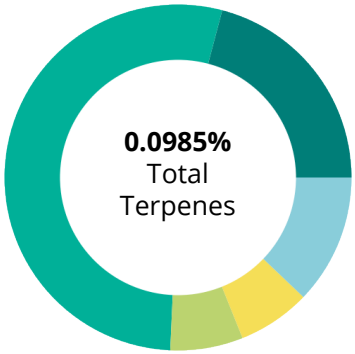
Prepared for:
NED & CO. LLC
5345 Arapahoe Ave STE 4
BOULDER, CO USA 80303

NED DeStress Blend 750mg Batch 005

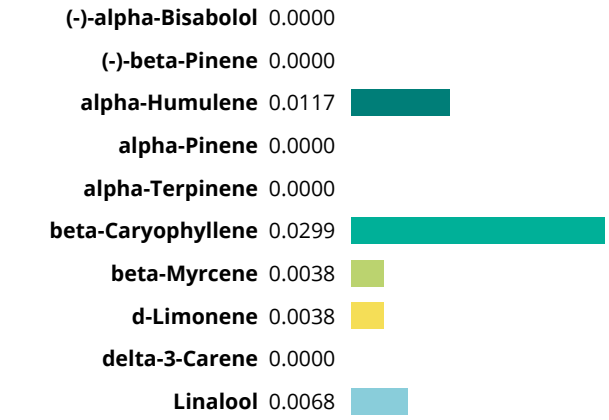
Batch ID or Lot Number:	Test:	Reported:	USDA License:
NED-DS-750-B005	**Terpenes**	**11Oct2023**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Concentrate	T000257657	10Oct2023	NA
	Method(s):	Received:	Status:
	TM22 (GC-MS)	29Sep2023	NA

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	0.0117	0.117
alpha-Pinene	0.0000	0.0000
alpha-Terpinene	0.0000	0.0000
beta-Caryophyllene	0.0299	0.299
beta-Myrcene	0.0038	0.038
beta-Ocimene	0.0077	0.077
Camphene	0.0000	0.0000
cis-Nerolidol	0.0000	0.0000
d-Limonene	0.0038	0.038
delta-3-Carene	0.0000	0.0000
Eucalyptol	0.0304	0.304
gamma-Terpinene	0.0000	0.0000
Geraniol	0.0000	0.0000
Linalool	0.0068	0.068
Ocimene	0.0000	0.0000
p-Cymene	0.0000	0.0000
Terpinolene	0.0000	0.0000
trans-Nerolidol	0.0044	0.044
	0.0985	**0.9850**



PREDOMINANT TERPENES



Notes

Final Approval

Karen Winternheimer
11Oct2023
09:30:00 AM MDT
PREPARED BY / DATE

Sam Smith
11Oct2023
09:34:00 AM MDT
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/71ea0cc1-b0a8-48bd-b33b-06ccb7975dd7

Cert #4329.02
71ea0cc1b0a848bdb33b06ccb7975dd7.1

SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

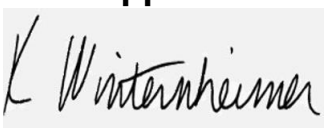
Prepared for:
NED & CO. LLC
5345 Arapahoe Ave STE 4
BOULDER, CO USA 80303

NED DeStress Blend 750mg Batch 005

Batch ID or Lot Number:	Test:	Reported:	USDA License:
NED-DS-750-B005	**Residual Solvents**	**04Oct2023**	N/A
Matrix:	Test ID:	Started:	Sampler ID:
Concentrate	T000257661	03Oct2023	N/A
	Method(s):	Received:	Status:
	TM04 (GC-MS): Residual Solvents	29Sep2023	Active

Residual Solvents	**Dynamic Range** (ppm)	**Result** (ppm)	**Notes**
Propane	98 - 1969	ND	
Butanes (Isobutane, n-Butane)	198 - 3966	ND	
Methanol	66 - 1312	ND	
Pentane	103 - 2061	ND	
Ethanol	111 - 2218	ND	
Acetone	106 - 2120	ND	
Isopropyl Alcohol	116 - 2316	ND	
Hexane	6 - 127	ND	
Ethyl Acetate	110 - 2208	ND	
Benzene	0.2 - 4.5	ND	
Heptanes	107 - 2140	ND	
Toluene	20 - 404	ND	
Xylenes (m,p,o-Xylenes)	152 - 3033	ND	

Final Approval



Karen Winternheimer
04Oct2023
10:57:00 AM MDT
PREPARED BY / DATE

Sam Smith
04Oct2023
10:59:00 AM MDT
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/7e42fe21-ccc5-4bca-9ad4-67a2fe72349a

Definitions
ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

Cert #4329.02
7e42fe21ccc54bca9ad467a2fe72349a.1

SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

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

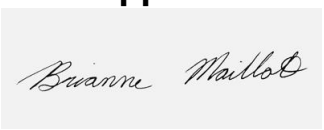
NED DeStress Blend 750mg Batch 005

Batch ID or Lot Number:	Test:	Reported:	USDA License:
NED-DS-750-B005	**Microbial Contaminants**	**03Oct2023**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Finished Product	T000257659	29Sep2023	NA
	Method(s): TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Received: 29Sep2023	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



Brianne Maillot
02Oct2023
03:54:00 PM MDT

PREPARED BY / DATE

Eden Thompson-Wright
03Oct2023
09:19:00 AM MDT

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/0c87907c-7db3-4e76-8eb6-b8c52c013283

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

Cert #4329.02

SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

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

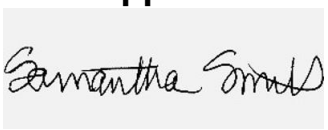
NED DeStress Blend 750mg Batch 005

Batch ID or Lot Number:	Test:	Reported:	USDA License:
NED-DS-750-B005	**Heavy Metals**	**03Oct2023**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Finished Product	T000257660	03Oct2023	NA
	Method(s):	Received:	Status:
	TM19 (ICP-MS): Heavy Metals	29Sep2023	NA

Heavy Metals

	Dynamic Range (ppm)	**Result** (ppm)	**Notes**
Arsenic	0.05 - 4.76	ND	
Cadmium	0.05 - 4.76	ND	
Mercury	0.05 - 4.68	ND	
Lead	0.05 - 4.69	ND	

Final Approval



Sam Smith
03Oct2023
12:57:00 PM MDT

PREPARED BY / DATE

Karen Winternheimer
03Oct2023
01:01:00 PM MDT

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/2f3c97d4-e6dd-4a61-b78e-9765010db504

Definitions
ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

Cert #4329.02
2f3c97d4e6dd4a61b78e9765010db504.1

SC Labs®
Formerly Botanacor Labs

CERTIFICATE OF ANALYSIS

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

NED DeStress Blend 750mg Batch 005

Batch ID or Lot Number:	Test:	Reported:	USDA License:
NED-DS-750-B005	**Pesticides**	**05Oct2023**	NA
Matrix:	Test ID:	Started:	Sampler ID:
Concentrate	T000257658	03Oct2023	NA
	Method(s):	Received:	Status:
	TM17 (LC-QQ LC MS/MS)	29Sep2023	NA

Pesticides

	Dynamic Range (ppb)	**Result** (ppb)
Abamectin	346 - 2757	ND
Acephate	42 - 2746	ND
Acetamiprid	45 - 2715	ND
Azoxystrobin	46 - 2708	ND
Bifenazate	48 - 2725	ND
Boscalid	48 - 2750	ND
Carbaryl	42 - 2724	ND
Carbofuran	43 - 2718	ND
Chlorantraniliprole	42 - 2734	ND
Chlorpyrifos	47 - 2793	ND
Clofentezine	281 - 2761	ND
Diazinon	293 - 2764	ND
Dichlorvos	269 - 2730	ND
Dimethoate	46 - 2733	ND
E-Fenpyroximate	307 - 2785	ND
Etofenprox	46 - 2774	ND
Etoxazole	318 - 2747	ND
Fenoxycarb	44 - 2689	ND
Fipronil	39 - 2814	ND
Flonicamid	48 - 2742	ND
Fludioxonil	317 - 2708	ND
Hexythiazox	43 - 2713	ND
Imazalil	284 - 2754	ND
Imidacloprid	43 - 2734	ND
Kresoxim-methyl	42 - 2745	ND

	Dynamic Range (ppb)	**Result** (ppb)
Malathion	295 - 2760	ND
Metalaxyl	41 - 2728	ND
Methiocarb	47 - 2726	ND
Methomyl	41 - 2731	ND
MGK 264 1	155 - 1703	ND
MGK 264 2	109 - 1090	ND
Myclobutanil	131 - 2721	ND
Naled	47 - 2763	ND
Oxamyl	43 - 2714	ND
Paclobutrazol	45 - 2736	ND
Permethrin	300 - 2735	ND
Phosmet	47 - 2701	ND
Prophos	285 - 2671	ND
Propoxur	43 - 2756	ND
Pyridaben	303 - 2742	ND
Spinosad A	30 - 2083	ND
Spinosad D	71 - 662	ND
Spiromesifen	287 - 2776	ND
Spirotetramat	305 - 2796	ND
Spiroxamine 1	20 - 1187	ND
Spiroxamine 2	25 - 1511	ND
Tebuconazole	301 - 2757	ND
Thiacloprid	44 - 2726	ND
Thiamethoxam	42 - 2747	ND
Trifloxystrobin	43 - 2721	ND

Final Approval

Karen Winternheimer
05Oct2023
01:48:00 PM MDT
PREPARED BY / DATE

Sam Smith
05Oct2023
01:50:00 PM MDT
APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/faaa3c0f-af48-42d9-b1ae-318dc45df274

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

Cert #4329.02
faaa3c0faf4842d9b1ae318dc45df274.1