

Prepared for:
NED & CO. LLC

5345 Arapahoe Ave STE 4
BOULDER, CO USA 80303


NED Destress Blend 750mg B003

Batch ID or Lot Number: NED-DS-750-B003	Test: Potency	Reported: 15Aug2022	USDA License: N/A
Matrix: Solution	Test ID: T000217488	Started: 12Aug2022	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 11Aug2022	Status: N/A

Cannabinoids

	LOD (mg/mL)	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.176	0.622	0.920	1.00	Density = 0.94g/mL
Cannabichromenic Acid (CBCA)	0.161	0.569	ND	ND	
Cannabidiol (CBD)	0.550	1.634	14.620	15.60	
Cannabidiolic Acid (CBDA)	0.564	1.676	ND	ND	
Cannabidivarin (CBDV)	0.130	0.386	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.235	0.699	ND	ND	
Cannabigerol (CBG)	0.100	0.353	12.420	13.20	
Cannabigerolic Acid (CBGA)	0.419	1.476	ND	ND	
Cannabinol (CBN)	0.131	0.461	ND	ND	
Cannabinolic Acid (CBNA)	0.286	1.007	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.499	1.759	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.453	1.597	0.770	0.80	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.401	1.415	ND	ND	
Tetrahydrocannabivarin (THCV)	0.091	0.321	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.354	1.248	ND	ND	
Total Cannabinoids			28.730	30.56	
Total Potential THC			0.770	0.82	
Total Potential CBD			14.620	15.55	

Final Approval



Sam Smith
15Aug2022
12:26:00 PM MDT

PREPARED BY / DATE



Jacob Miller
15Aug2022
12:29:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/a44011b4-2388-4d39-8955-9e1ba70e614c>

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)).

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited by A2LA.



Cert #4329.02

a44011b423884d3989559e1ba70e614c.1

Prepared for:
NED & CO. LLC

5345 Arapahoe Ave STE 4
BOULDER, CO USA 80303

NED DeStress Blend 750mg Batch 003

Batch ID or Lot Number: NED-DS-750-B003	Test: Trace THC	Reported: 03Aug2022	USDA License: NA
Matrix: Unit	Test ID: T000216298	Started: 02Aug2022	Sampler ID: NA
	Method(s): TM20 (HPLC-DAD)	Received: 01Aug2022	Status: NA

Cannabinoids	Dynamic Range (%)	Result (%)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.001 - 0.669	0.085	0.85	N/A
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.002 - 1.340	ND	0.00	N/A
Total Potential THC	-	0.085	0.85	

Final Approval



Jacob Miller
04Aug2022
06:52:00 PM MDT

PREPARED BY / DATE



Daniel Weidensaul
04Aug2022
07:00:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/19a47867-fe28-4aae-8ad5-fe59624721a2>

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

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2017 Accredited by A2LA.



Cert #4329.02
19a47867fe284aae8ad5fe59624721a2.1

Prepared for:
NED & CO. LLC

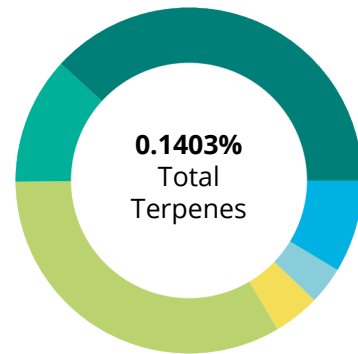
5345 Arapahoe Ave STE 4
BOULDER, CO USA 80303

NED DeStress Blend 750mg Batch 003

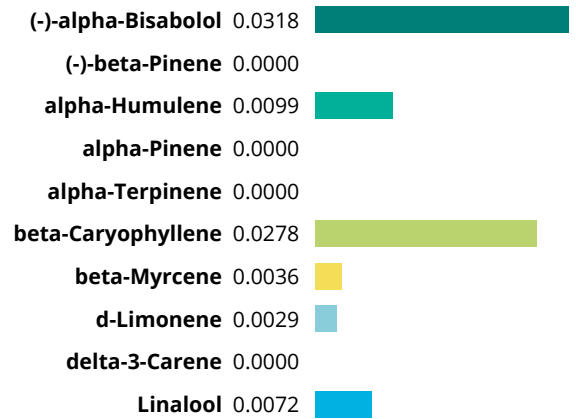
Batch ID or Lot Number: NED-DS-750-B003	Test: Terpenes	Reported: 04Aug2022	USDA License: NA
Matrix: Concentrate	Test ID: T000216299	Started: 03Aug2022	Sampler ID: NA
	Method(s): TM22 (GC-MS)	Received: 01Aug2022	Status: NA

Terpenes

Terpenes	%(w/w)	(mg/g)
(-)-alpha-Bisabolol	0.0318	0.318
(-)-beta-Pinene	0.0000	0.0000
(-)-Caryophyllene Oxide	0.0000	0.0000
(-)-Isopulegol	0.0000	0.0000
alpha-Humulene	0.0099	0.099
alpha-Pinene	0.0000	0.0000
alpha-Terpinene	0.0000	0.0000
beta-Caryophyllene	0.0278	0.278
beta-Myrcene	0.0036	0.036
beta-Ocimene	0.0117	0.117
Camphene	0.0000	0.0000
cis-Nerolidol	0.0000	0.0000
d-Limonene	0.0029	0.029
delta-3-Carene	0.0000	0.0000
Eucalyptol	0.0418	0.418
gamma-Terpinene	0.0000	0.0000
Geraniol	0.0000	0.0000
Linalool	0.0072	0.072
Ocimene	0.0000	0.0000
p-Cymene	0.0000	0.0000
Terpinolene	0.0000	0.0000
trans-Nerolidol	0.0036	0.036
	0.1403	1.4030



PREDOMINANT TERPENES



Notes

Final Approval



Daniel Weidensaul
04Aug2022
04:13:00 PM MDT

PREPARED BY / DATE



Jacob Miller
04Aug2022
04:15:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/b7c278db-ef73-41ef-9069-f7f78e066209>

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2017 Accredited by A2LA.



Cert #4329.02
b7c278dbef7341ef9069f7f78e066209.1

Prepared for:
NED & CO. LLC

5345 Arapahoe Ave STE 4
BOULDER, CO USA 80303

NED DeStress Blend 750mg Batch 003

Batch ID or Lot Number: NED-DS-750-B003	Test: Residual Solvents	Reported: 05Aug2022	USDA License: N/A
Matrix: Concentrate	Test ID: T000216303	Started: 03Aug2022	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 01Aug2022	Status: Active

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	81 - 1615	ND	
Butanes (Isobutane, n-Butane)	168 - 3362	ND	
Methanol	55 - 1103	ND	
Pentane	89 - 1773	ND	
Ethanol	82 - 1645	ND	
Acetone	91 - 1813	ND	
Isopropyl Alcohol	96 - 1910	ND	
Hexane	6 - 111	ND	
Ethyl Acetate	91 - 1826	ND	
Benzene	0.2 - 3.6	ND	
Heptanes	91 - 1814	ND	
Toluene	17 - 333	ND	
Xylenes (m,p,o-Xylenes)	120 - 2400	ND	

Final Approval



Daniel Weidensaul
05Aug2022
04:23:00 PM MDT

PREPARED BY / DATE



Karen Winternheimer
05Aug2022
04:24:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/7094fa5f-d2c0-4277-93e6-50899f89b4bf>

Definitions

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

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2017 Accredited by A2LA.



Cert #4329.02
7094fa5fd2c0427793e650899f89b4bf.1

Prepared for:
NED & CO. LLC

5345 Arapahoe Ave STE 4
BOULDER, CO USA 80303


NED DeStress Blend 750mg Batch 003

Batch ID or Lot Number: NED-DS-750-B003	Test: Microbial Contaminants	Reported: 08Aug2022	USDA License: NA
Matrix: Finished Product	Test ID: T000216301	Started: 02Aug2022	Sampler ID: NA
	Method(s): TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Received: 01Aug2022	Status: NA

Microbial Contaminants

Contaminants	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 ⁰ CFU/g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	TM25: PCR	10 ⁰ CFU/g	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
08Aug2022
11:39:00 AM MDT

PREPARED BY / DATE



Brianne Maillot
08Aug2022
04:19:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/61c0b0e2-00bf-4b10-bcbb-847b337b8355>

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: 10² = 100 CFU, 10³ = 1,000 CFU, 10⁴ = 10,000 CFU, 10⁵ = 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

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2017 Accredited by A2LA.



Cert #4329.02
61c0b0e200bf4b10bcbb847b337b8355.1

Prepared for:
NED & CO. LLC

5345 Arapahoe Ave STE 4
BOULDER, CO USA 80303

NED DeStress Blend 750mg Batch 003

Batch ID or Lot Number: NED-DS-750-B003	Test: Heavy Metals	Reported: 03Aug2022	USDA License: NA
Matrix: Unit	Test ID: T000216302	Started: 03Aug2022	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 01Aug2022	Status: NA

Heavy Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.21	ND	
Cadmium	0.04 - 4.47	ND	
Mercury	0.04 - 4.47	ND	
Lead	0.04 - 4.33	ND	

Final Approval



Colin Hendrickson
04Aug2022
07:01:00 PM MDT

PREPARED BY / DATE



Daniel Weidensaul
04Aug2022
07:04:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/f9aceb50-3aae-4c70-b1f2-946d8cfe42b6>

Definitions

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

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2017 Accredited by A2LA.



Cert #4329.02
f9aceb503aae4c70b1f2946d8cfe42b6.1

Prepared for:
NED & CO. LLC

5345 Arapahoe Ave STE 4
BOULDER, CO USA 80303

NED DeStress Blend 750mg Batch 003

Batch ID or Lot Number: NED-DS-750-B003	Test: Pesticides	Reported: 09Aug2022	USDA License: NA
Matrix: Concentrate	Test ID: T000216300	Started: 06Aug2022	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 01Aug2022	Status: NA

Pesticides	Dynamic Range (ppb)	Result (ppb)	Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	280 - 2582	ND	Malathion	296 - 2728	ND
Acephate	42 - 2840	ND	Metalaxyl	43 - 2742	ND
Acetamiprid	41 - 2814	ND	Methiocarb	41 - 2721	ND
Azoxystrobin	41 - 2733	ND	Methomyl	42 - 2836	ND
Bifenazate	42 - 2722	ND	MGK 264 1	160 - 1584	ND
Boscalid	42 - 2764	ND	MGK 264 2	117 - 1108	ND
Carbaryl	40 - 2700	ND	Myclobutanil	44 - 2732	ND
Carbofuran	40 - 2696	ND	Naled	44 - 2693	ND
Chlorantraniliprole	50 - 2665	ND	Oxamyl	40 - 2835	ND
Chlorpyrifos	53 - 2782	ND	Pacllobutrazol	44 - 2712	ND
Clofentezine	291 - 2839	ND	Permethrin	292 - 2763	ND
Diazinon	279 - 2778	ND	Phosmet	39 - 2706	ND
Dichlorvos	269 - 2884	ND	Prophos	300 - 2798	ND
Dimethoate	42 - 2843	ND	Propoxur	41 - 2706	ND
E-Fenpyroximate	288 - 2691	ND	Pyridaben	292 - 2702	ND
Etofenprox	43 - 2706	ND	Spinosad A	35 - 2196	ND
Etoxazole	290 - 2696	ND	Spinosad D	54 - 481	ND
Fenoxycarb	42 - 2719	ND	Spiromesifen	272 - 2714	ND
Fipronil	54 - 2671	ND	Spirotetramat	287 - 2677	ND
Flonicamid	49 - 2836	ND	Spiroxamine 1	19 - 1151	ND
Fludioxonil	303 - 2785	ND	Spiroxamine 2	24 - 1547	ND
Hexythiazox	43 - 2703	ND	Tebuconazole	282 - 2753	ND
Imazalil	279 - 2761	ND	Thiacloprid	40 - 2816	ND
Imidacloprid	44 - 2814	ND	Thiamethoxam	42 - 2835	ND
Kresoxim-methyl	49 - 2789	ND	Trifloxystrobin	43 - 2741	ND

Final Approval



Daniel Weidensaul
09Aug2022
01:38:00 PM MDT

PREPARED BY / DATE



Karen Winternheimer
09Aug2022
01:39:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/ebd14c64-6662-4ea7-a86c-51a2a8996eef>

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

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2017 Accredited by A2LA.



Cert #4329.02
ebd14c6466624ea7a86c51a2a8996eef.1