

Prepared for:  
**NED & CO. LLC**

5345 Arapahoe Ave STE 4  
BOULDER, CO USA 80303

## Ned De-Stress Blend 750mg Batch 002

Batch ID or Lot Number: <b>NED-DS-750-B002</b>	Test: <b>Potency</b>	Reported: <b>17Feb2022</b>	USDA License: N/A
Matrix: Solution	Test ID: T000192747	Started: 16Feb2022	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 15Feb2022	Status: N/A

### Cannabinoids

	LOD (mg/mL)	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.045	0.156	0.830	0.90	Density = 0.94g/mL
Cannabichromenic Acid (CBCA)	0.041	0.143	ND	ND	
Cannabidiol (CBD)	0.117	0.457	12.640	13.40	
Cannabidiolic Acid (CBDA)	0.120	0.469	ND	ND	
Cannabidivarin (CBDV)	0.028	0.108	0.090	0.10	
Cannabidivarinic Acid (CBDVA)	0.050	0.195	ND	ND	
Cannabigerol (CBG)	0.026	0.089	13.540	14.40	
Cannabigerolic Acid (CBGA)	0.108	0.371	ND	ND	
Cannabinol (CBN)	0.034	0.116	0.040	0.00	
Cannabinolic Acid (CBNA)	0.073	0.253	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.128	0.442	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.116	0.401	0.650	0.70	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.103	0.355	ND	ND	
Tetrahydrocannabivarin (THCV)	0.023	0.081	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.091	0.313	ND	ND	
<b>Total Cannabinoids</b>			<b>27.790</b>	<b>29.56</b>	
Total Potential THC**			0.650	0.69	
Total Potential CBD**			12.640	13.45	

### Final Approval



Karen Winternheimer  
17Feb2022  
01:16:00 PM MST

PREPARED BY / DATE



Ryan Weems  
17Feb2022  
01:18:00 PM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/7ed05907-bc16-48e9-9b36-bc9d48c4e3b3>

#### 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 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 17025:2005 Accredited A2LA.



Cert #4329.02

7ed05907bc1648e99b36bc9d48c4e3b3.1

Prepared for:  
**NED & CO. LLC**

5345 Arapahoe Ave STE 4  
BOULDER, CO USA 80303

## NED DeStress Blend 750mg Batch 002

Batch ID or Lot Number: <b>NED-DS-750-B002</b>	Test: <b>Trace THC</b>	Reported: <b>22Feb2022</b>	USDA License: NA
Matrix: Unit	Test ID: T000193849	Started: 21Feb2022	Sampler ID: NA
	Method(s): TM20 (HPLC-DAD)	Received: 18Feb2022	Status: NA

Cannabinoids	Dynamic Range (%)	Result (%)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.001 - 0.676	0.073	18.68	N/A
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.002 - 1.353	ND	0.00	N/A
<b>Total Potential THC*</b>	-	<b>0.073</b>	<b>0.73</b>	

## Final Approval



Daniel Weidensaul  
22Feb2022  
01:06:00 PM MST

PREPARED BY / DATE



Ryan Weems  
22Feb2022  
01:09:00 PM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/7c4be4cd-f454-4b6c-a256-7b5dc3e68f1c>

**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 17025:2005 Accredited A2LA.



Cert #4329.02  
7c4be4cdf4544b6ca2567b5dc3e68f1c.1

Prepared for:  
**NED & CO. LLC**

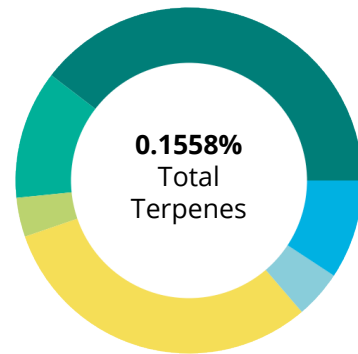
5345 Arapahoe Ave STE 4  
BOULDER, CO USA 80303

## NED DeStress Blend 750mg Batch 002

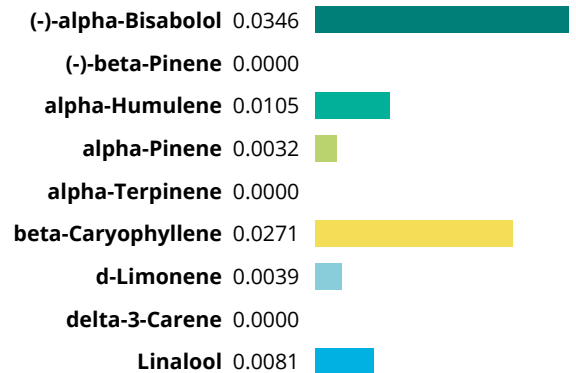
Batch ID or Lot Number: <b>NED-DS-750-B002</b>	Test: <b>Terpenes</b>	Reported: <b>22Feb2022</b>	USDA License: NA
Matrix: Concentrate	Test ID: T000193850	Started: 21Feb2022	Sampler ID: NA
	Method(s): TM22 (GC-MS)	Received: 18Feb2022	Status: NA

### Terpenes

Terpenes	%(w/w)	(mg/g)
(-)-alpha-Bisabolol	0.0346	0.346
(-)-beta-Pinene	0.0000	0.0000
(-)-Caryophyllene Oxide	0.0000	0.0000
(-)-Isopulegol	0.0000	0.0000
alpha-Humulene	0.0105	0.105
alpha-Pinene	0.0032	0.032
alpha-Terpinene	0.0000	0.0000
beta-Caryophyllene	0.0271	0.271
beta-Myrcene	0.0041	0.041
beta-Ocimene	0.0000	0.0000
Camphene	0.0000	0.0000
cis-Nerolidol	0.0000	0.0000
d-Limonene	0.0039	0.039
delta-3-Carene	0.0000	0.0000
Eucalyptol	0.0602	0.602
gamma-Terpinene	0.0000	0.0000
Geraniol	0.0000	0.0000
Linalool	0.0081	0.081
Ocimene	0.0000	0.0000
p-Cymene	0.0000	0.0000
Terpinolene	0.0000	0.0000
trans-Nerolidol	0.0041	0.041
	<b>0.1558</b>	<b>1.5580</b>



### PREDOMINANT TERPENES



### Notes

## Final Approval



Daniel Weidensaul  
22Feb2022  
12:47:00 PM MST

PREPARED BY / DATE



Ryan Weems  
22Feb2022  
12:49:00 PM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/72855487-f5a7-4a4d-bb93-7cdbcde729c7>

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 17025:2005 Accredited A2LA.



Cert #4329.02  
72855487f5a74a4dbb937cdbcde729c7.1

Prepared for:  
**NED & CO. LLC**

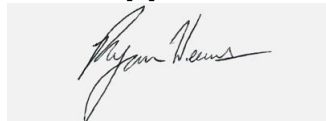
5345 Arapahoe Ave STE 4  
BOULDER, CO USA 80303

## NED DeStress Blend 750mg Batch 002

Batch ID or Lot Number: <b>NED-DS-750-B002</b>	Test: <b>Residual Solvents</b>	Reported: <b>21Feb2022</b>	USDA License: N/A
Matrix: Concentrate	Test ID: T000193854	Started: 21Feb2022	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 18Feb2022	Status: N/A

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	94 - 1876	ND	
Butanes (Isobutane, n-Butane)	191 - 3819	ND	
Methanol	67 - 1339	ND	
Pentane	101 - 2012	ND	
Ethanol	99 - 1975	ND	
Acetone	107 - 2139	ND	
Isopropyl Alcohol	109 - 2175	ND	
Hexane	7 - 133	ND	
Ethyl Acetate	107 - 2140	ND	
Benzene	0.2 - 4.3	ND	
Heptanes	107 - 2143	ND	
Toluene	19 - 382	ND	
Xylenes (m,p,o-Xylenes)	133 - 2667	ND	

## Final Approval



Ryan Weems  
22Feb2022  
05:27:00 PM MST

PREPARED BY / DATE



Daniel Weidensaul  
22Feb2022  
05:33:00 PM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/5074ac18-7fa2-4ca3-9604-98e2707223e3>

### 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 17025:2005 Accredited A2LA.



Cert #4329.02  
5074ac187fa24ca3960498e2707223e3.1

Prepared for:  
**NED & CO. LLC**

5345 Arapahoe Ave STE 4  
BOULDER, CO USA 80303

## NED DeStress Blend 750mg Batch 002

Batch ID or Lot Number: <b>NED-DS-750-B002</b>	Test: <b>Pesticides</b>	Reported: <b>22Feb2022</b>	USDA License: NA
Matrix: Concentrate	Test ID: T000193851	Started: 21Feb2022	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 18Feb2022	Status: NA

Pesticides	Dynamic Range (ppb)	Result (ppb)	Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	296 - 2788	ND	Malathion	301 - 2748	ND
Acephate	23 - 2806	ND	Metalaxyl	45 - 2822	ND
Acetamiprid	38 - 2786	ND	Methiocarb	46 - 2867	ND
Azoxystrobin	71 - 2736	ND	Methomyl	35 - 2773	ND
Bifenazate	42 - 2786	ND	MGK 264 1	150 - 1593	ND
Boscalid	83 - 2759	ND	MGK 264 2	122 - 1146	ND
Carbaryl	41 - 2722	ND	Myclobutanil	42 - 2783	ND
Carbofuran	42 - 2747	ND	Naled	44 - 2758	ND
Chlorantraniliprole	63 - 2876	ND	Oxamyl	36 - 2727	ND
Chlorpyrifos	42 - 2815	ND	Pacllobutrazol	41 - 2656	ND
Clofentezine	284 - 2744	ND	Permethrin	268 - 2785	ND
Diazinon	290 - 2796	ND	Phosmet	39 - 2784	ND
Dichlorvos	292 - 2852	ND	Prophos	299 - 2812	ND
Dimethoate	39 - 2802	ND	Propoxur	42 - 2710	ND
E-Fenpyroximate	326 - 2886	ND	Pyridaben	296 - 2756	ND
Etofenprox	42 - 2746	ND	Spinosad A	31 - 2280	ND
Etoxazole	296 - 2812	ND	Spinosad D	50 - 513	ND
Fenoxycarb	45 - 2741	ND	Spiromesifen	375 - 2753	ND
Fipronil	44 - 2798	ND	Spirotetramat	296 - 2874	ND
Flonicamid	40 - 2839	ND	Spiroxamine 1	13 - 1216	ND
Fludioxonil	316 - 2809	ND	Spiroxamine 2	18 - 1608	ND
Hexythiazox	62 - 2744	ND	Tebuconazole	290 - 2717	ND
Imazalil	276 - 2758	ND	Thiacloprid	40 - 2788	ND
Imidacloprid	44 - 2808	ND	Thiamethoxam	40 - 2807	ND
Kresoxim-methyl	81 - 2757	ND	Trifloxystrobin	39 - 2788	ND

## Final Approval

  
 Sam Smith  
 22Feb2022  
 12:13:00 PM MST

PREPARED BY / DATE

  
 Daniel Weidensaul  
 22Feb2022  
 12:19:00 PM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/69b2e03f-d4a9-4ffc-b48c-95e7ea3296e7>

### 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 17025:2005 Accredited A2LA.



Cert #4329.02  
 69b2e03fd4a94ffc-b48c95e7ea3296e7.2

Prepared for:  
**NED & CO. LLC**

 5345 Arapahoe Ave STE 4  
 BOULDER, CO USA 80303

**NED DeStress Blend 750mg Batch 002**

Batch ID or Lot Number: <b>NED-DS-750-B002</b>	Test: <b>Microbial Contaminants</b>	Reported: <b>21Feb2022</b>	USDA License: NA
Matrix: Finished Product	Test ID: T000193852	Started: 18Feb2022	Sampler ID: NA
	Method(s): TM25 (qPCR) TM24, TM26, TM27, TM28 (Culture Plating)	Received: 18Feb2022	Status: NA

**Microbial Contaminants**

Microbial Contaminants	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 <sup>0</sup> CFU/g	NA	Absent	Free from visual mold, mildew, and foreign matter None Detected None Detected
<i>Salmonella</i>	TM25: PCR	10 <sup>0</sup> CFU/g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10 <sup>2</sup> CFU/g	1.0x10 <sup>3</sup> - 1.5x10 <sup>5</sup>	None Detected	
Total Coliforms*	TM27: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	None Detected	

**Final Approval**


 Brett Hudson  
 21Feb2022  
 02:41:00 PM MST



 Sarah Henning  
 22Feb2022  
 05:37:00 PM MST


PREPARED BY / DATE

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/b33c0ebc-d8ff-4612-b67b-8ec44ebc937e>
**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<sup>2</sup> = 100 CFU, 10<sup>3</sup> = 1,000 CFU, 10<sup>4</sup> = 10,000 CFU, 10<sup>5</sup> = 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 17025:2005 Accredited A2LA.


 Cert. #4329.02  
 b33c0ebcd8ff4612b67b8ec44ebc937e.1

Prepared for:  
**NED & CO. LLC**

5345 Arapahoe Ave STE 4  
BOULDER, CO USA 80303

## NED DeStress Blend 750mg Batch 002

Batch ID or Lot Number: <b>NED-DS-750-B002</b>	Test: <b>Heavy Metals</b>	Reported: <b>22Feb2022</b>	USDA License: NA
Matrix: Unit	Test ID: T000193853	Started: 22Feb2022	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 18Feb2022	Status: NA

Heavy Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.37	ND	
Cadmium	0.05 - 4.60	ND	
Mercury	0.05 - 4.55	ND	
Lead	0.05 - 4.53	ND	

### Final Approval



Kayla Phye  
22Feb2022  
01:18:00 PM MST

PREPARED BY / DATE



Ryan Weems  
22Feb2022  
01:21:00 PM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/6f3d68a2-5107-46c0-8935-708e661819f7>

#### 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 17025:2005 Accredited A2LA.



Cell #4329.02  
6f3d68a2510746c08935708e661819f7.1