

Prepared for:
NED & CO. LLC

5345 Arapahoe Ave STE 4
BOULDER, CO USA 80303


NED Destress Blend 750mg Batch 004


Batch ID or Lot Number: NED-DS-750-B004	Test: Potency	Reported: 13Jan2023	USDA License: N/A
Matrix: Solution	Test ID: T000232565	Started: 12Jan2023	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 11Jan2023	Status: N/A

Cannabinoids

	LOD (mg/mL)	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.045	0.163	0.990	1.10	Density = 0.94g/mL
Cannabichromenic Acid (CBCA)	0.041	0.149	ND	ND	
Cannabidiol (CBD)	0.168	0.418	13.960	14.90	
Cannabidiolic Acid (CBDA)	0.172	0.429	ND	ND	
Cannabidivarin (CBDV)	0.040	0.099	<LOQ	<LOQ	
Cannabidivarinic Acid (CBDVA)	0.072	0.179	ND	ND	
Cannabigerol (CBG)	0.026	0.092	14.310	15.20	
Cannabigerolic Acid (CBGA)	0.107	0.386	ND	ND	
Cannabinol (CBN)	0.034	0.120	<LOQ	<LOQ	
Cannabinolic Acid (CBNA)	0.073	0.263	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.128	0.460	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.116	0.417	0.810	0.90	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.103	0.370	ND	ND	
Tetrahydrocannabivarin (THCV)	0.023	0.084	<LOQ	<LOQ	
Tetrahydrocannabivarinic Acid (THCVA)	0.091	0.326	ND	ND	
Total Cannabinoids			30.070	32.10	
Total Potential THC			0.810	0.90	
Total Potential CBD			13.960	14.90	

Final Approval


PREPARED BY / DATE
Sam Smith
13Jan2023
01:01:00 PM MST


APPROVED BY / DATE
Karen Winternheimer
13Jan2023
01:08:00 PM MST



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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)).

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.



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Prepared for:
NED & CO. LLC


5345 Arapahoe Ave STE 4
BOULDER, CO USA 80303

NED Destress Blend 750mg Batch 004

Batch ID or Lot Number: NED-DS-750-B004	Test: Trace THC	Reported: 13Jan2023	USDA License: NA
Matrix: Unit	Test ID: T000232566	Started: 12Jan2023	Sampler ID: NA
	Method(s): TM20 (HPLC-DAD)	Received: 11Jan2023	Status: NA

Cannabinoids	Dynamic Range (%)	Result (%)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.001 - 0.686	0.083	0.83	N/A
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.002 - 1.373	ND	0.00	N/A
Total Potential THC	-	0.083	0.83	

Final Approval



Sam Smith
13Jan2023
11:46:00 AM MST

PREPARED BY / DATE



Karen Winternheimer
13Jan2023
11:49:00 AM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/9815dfda-a627-49b0-9fb4-5a37196ae1e8>

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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Prepared for:
NED & CO. LLC

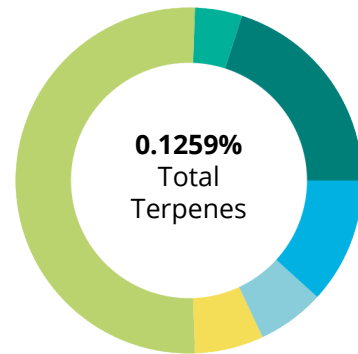
5345 Arapahoe Ave STE 4
BOULDER, CO USA 80303

NED Destress Blend 750mg Batch 004

Batch ID or Lot Number: NED-DS-750-B004	Test: Terpenes	Reported: 20Jan2023	USDA License: NA
Matrix: Concentrate	Test ID: T000232567	Started: 19Jan2023	Sampler ID: NA
	Method(s): TM22 (GC-MS)	Received: 11Jan2023	Status: 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	0.0128	0.128
alpha-Pinene	0.0028	0.028
alpha-Terpinene	0.0000	0.0000
beta-Caryophyllene	0.0326	0.326
beta-Myrcene	0.0041	0.041
beta-Ocimene	0.0111	0.111
Camphene	0.0000	0.0000
cis-Nerolidol	0.0000	0.0000
d-Limonene	0.0040	0.040
delta-3-Carene	0.0000	0.0000
Eucalyptol	0.0468	0.468
gamma-Terpinene	0.0000	0.0000
Geraniol	0.0000	0.0000
Linalool	0.0075	0.075
Ocimene	0.0000	0.0000
p-Cymene	0.0000	0.0000
Terpinolene	0.0000	0.0000
trans-Nerolidol	0.0042	0.042
0.1259	1.2590	



PREDOMINANT TERPENES

(-)-alpha-Bisabolol	0.0000
(-)-beta-Pinene	0.0000
alpha-Humulene	0.0128
alpha-Pinene	0.0028
alpha-Terpinene	0.0000
beta-Caryophyllene	0.0326
beta-Myrcene	0.0041
d-Limonene	0.0040
delta-3-Carene	0.0000
Linalool	0.0075


Notes

Final Approval



PREPARED BY / DATE

Karen Winternheimer
20Jan2023
02:19:00 PM MST



APPROVED BY / DATE

Sam Smith
20Jan2023
02:21:00 PM MST



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Prepared for:
NED & CO. LLC


5345 Arapahoe Ave STE 4
BOULDER, CO USA 80303


NED Destress Blend 750mg Batch 004

Batch ID or Lot Number: NED-DS-750-B004	Test: Residual Solvents	Reported: 16Jan2023	USDA License: N/A
Matrix: Concentrate	Test ID: T000232571	Started: 13Jan2023	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 11Jan2023	Status: Active

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	98 - 1967	ND	
Butanes (Isobutane, n-Butane)	198 - 3953	ND	
Methanol	60 - 1197	ND	
Pentane	100 - 1993	ND	
Ethanol	102 - 2045	ND	
Acetone	99 - 1976	ND	
Isopropyl Alcohol	105 - 2096	ND	
Hexane	6 - 123	ND	
Ethyl Acetate	101 - 2013	ND	
Benzene	0.2 - 3.8	ND	
Heptanes	101 - 2015	ND	
Toluene	19 - 374	ND	
Xylenes (m,p,o-Xylenes)	139 - 2772	ND	

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PREPARED BY / DATE
Sam Smith
16Jan2023
11:49:00 AM MST


APPROVED BY / DATE
Karen Winternheimer
16Jan2023
11:52:00 AM MST



<https://results.botanacor.com/api/v1/coas/uuid/17b99108-13b2-48fe-9243-f7c22d41b440>

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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Prepared for:
NED & CO. LLC

5345 Arapahoe Ave STE 4
BOULDER, CO USA 80303


NED Destress Blend 750mg Batch 004

Batch ID or Lot Number: NED-DS-750-B004	Test: Microbial Contaminants	Reported: 15Jan2023	USDA License: NA
Matrix: Finished Product	Test ID: T000232569	Started: 11Jan2023	Sampler ID: NA
	Method(s): TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Received: 11Jan2023	Status: NA

Microbial Contaminants

Contaminants	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	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
14Jan2023
11:25:00 AM MST

PREPARED BY / DATE



Brianne Maillot
15Jan2023
10:44:00 AM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/1c06aff0-d143-404a-b2dc-f8f32039713e>

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

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Prepared for:
NED & CO. LLC


5345 Arapahoe Ave STE 4
BOULDER, CO USA 80303

NED Destress Blend 750mg Batch 004

Batch ID or Lot Number: NED-DS-750-B004	Test: Heavy Metals	Reported: 16Jan2023	USDA License: NA
Matrix: Unit	Test ID: T000232570	Started: 13Jan2023	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 11Jan2023	Status: NA

Heavy Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.50	ND	
Cadmium	0.05 - 4.60	ND	
Mercury	0.05 - 4.56	ND	
Lead	0.04 - 4.37	ND	

Final Approval



Sam Smith
16Jan2023
12:31:00 PM MST

PREPARED BY / DATE



Karen Winternheimer
16Jan2023
12:34:00 PM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/ac501fb1-3937-4a29-ad02-f994168637a2>

Definitions

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Prepared for:
NED & CO. LLC


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BOULDER, CO USA 80303

NED Destress Blend 750mg Batch 004

Batch ID or Lot Number: NED-DS-750-B004	Test: Pesticides	Reported: 13Jan2023	USDA License: NA
Matrix: Concentrate	Test ID: T000232568	Started: 12Jan2023	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 11Jan2023	Status: NA

Pesticides	Dynamic Range (ppb)	Result (ppb)	Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	287 - 2757	ND	Malathion	278 - 2693	ND
Acephate	42 - 2767	ND	Metalaxyl	45 - 2738	ND
Acetamiprid	41 - 2763	ND	Methiocarb	40 - 2736	ND
Azoxystrobin	41 - 2733	ND	Methomyl	38 - 2770	ND
Bifenazate	41 - 2737	ND	MGK 264 1	178 - 1610	ND
Boscalid	42 - 2801	ND	MGK 264 2	123 - 1152	ND
Carbaryl	38 - 2746	ND	Myclobutanil	35 - 2750	ND
Carbofuran	40 - 2721	ND	Naled	45 - 2715	ND
Chlorantraniliprole	37 - 2705	ND	Oxamyl	40 - 2751	ND
Chlorpyrifos	37 - 2780	ND	Pacllobutrazol	44 - 2718	ND
Clofentezine	268 - 2721	ND	Permethrin	292 - 2794	ND
Diazinon	275 - 2756	ND	Phosmet	43 - 2737	ND
Dichlorvos	265 - 2778	ND	Prophos	264 - 2718	ND
Dimethoate	39 - 2751	ND	Propoxur	41 - 2723	ND
E-Fenpyroximate	285 - 2784	ND	Pyridaben	285 - 2782	ND
Etofenprox	41 - 2782	ND	Spinosad A	34 - 2219	ND
Etoxazole	285 - 2761	ND	Spinosad D	48 - 500	ND
Fenoxycarb	41 - 2744	ND	Spiromesifen	268 - 2797	ND
Fipronil	43 - 2788	ND	Spirotetramat	283 - 2743	ND
Flonicamid	48 - 2799	ND	Spiroxamine 1	15 - 1173	ND
Fludioxonil	265 - 2757	ND	Spiroxamine 2	17 - 1560	ND
Hexythiazox	48 - 2801	ND	Tebuconazole	275 - 2701	ND
Imazalil	266 - 2735	ND	Thiacloprid	40 - 2765	ND
Imidacloprid	43 - 2766	ND	Thiamethoxam	43 - 2782	ND
Kresoxim-methyl	23 - 2764	ND	Trifloxystrobin	40 - 2742	ND

Final Approval



Karen Winternheimer
13Jan2023
09:34:00 AM MST

PREPARED BY / DATE



Sam Smith
13Jan2023
09:37:00 AM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/ff9d01c3-1ee0-4e67-9fc0-b410a5cfe59b>

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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