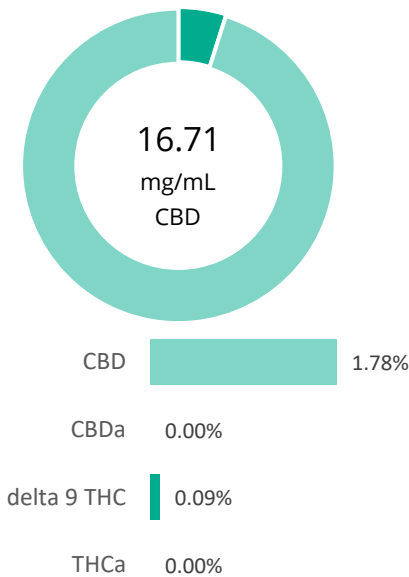


NED-DS-750-B001

Batch ID:	De-Stress Batch 001 750mg	Test ID:	T000163805
Type:	Solution	Submitted:	09/15/2021 @ 10:39 AM
Test:	Potency	Started:	9/16/2021
Method:	TM14 (HPLC-DAD)	Reported:	9/16/2021

CANNABINOID PROFILE



Compound	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.12	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.14	0.86	0.9
Cannabidiolic acid (CBDA)	0.14	ND	ND
Cannabidiol (CBD)	0.14	16.71	17.8
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.15	ND	ND
Cannabinolic Acid (CBNA)	0.09	ND	ND
Cannabinol (CBN)	0.04	0.05	0.1
Cannabigerolic acid (CBGA)	0.13	ND	ND
Cannabigerol (CBG)	0.03	11.36	12.1
Tetrahydrocannabivarinic Acid (THCVA)	0.11	ND	ND
Tetrahydrocannabivarin (THCV)	0.03	ND	ND
Cannabidivarinic Acid (CBDVA)	0.06	ND	ND
Cannabidivarin (CBDV)	0.03	0.13	0.1
Cannabichromenic Acid (CBCA)	0.05	ND	ND
Cannabichromene (CBC)	0.05	1.01	1.1
Total Cannabinoids		30.12	32.0
Total Potential THC**		0.86	0.9
Total Potential CBD**		16.71	17.8

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

** Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

$$\text{Total THC} = \text{THC} + (\text{THCa} * (0.877)) \text{ and}$$

$$\text{Total CBD} = \text{CBD} + (\text{CBDa} * (0.877))$$

ND = None Detected (Defined by Dynamic Range of the method)

NOTES:

Density = 0.94g/mL

FINAL APPROVAL



Rvan Weems
16-Sep-2021
6:15 PM

PREPARED BY / DATE



Daniel Weidensaul
16-Sep-2021
6:20 PM

APPROVED BY / DATE

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Certificate #4329.02

NED-DS-750-B001

Batch ID:	De-Stress Batch 001 750mg	Test ID:	T000163806
Type:	Unit	Submitted:	09/15/2021 @ 10:39 AM
Test:	Trace THC	Started:	9/16/2021
Method:	TM20 (HPLC-DAD)	Reported:	9/17/2021

TRACE THC/THCa PROFILE

Compound	Dynamic Range (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.001 - 0.691	0.085	0.85
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.002 - 1.382	ND**	ND**
Total Potential THC*		0.085	0.85

NOTES:

N/A


% = % (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)

*** ALOO = Above Limit Of Quantitation (Defined by Dynamic Range of the method)

FINAL APPROVAL


Rvan Weems
17-Sep-2021
1:29 PM
Sam Smith
17-Sep-2021
1:32 PM

PREPARED BY / DATE

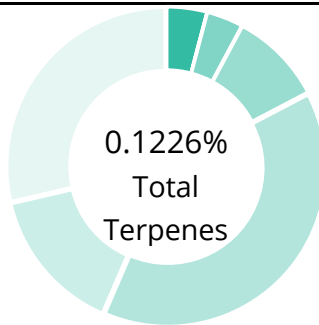
APPROVED BY / DATE

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NED-DS-750-B001

Batch ID:	De-Stress Batch 001 750mg	Test ID:	T000163807
Type:	Concentrate	Submitted:	09/15/2021 @ 10:39 AM
Test:	Terpenes	Started:	9/17/2021
Method:	TM22 (GC-MS)	Reported:	9/20/2021

TERPENE PROFILE



Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.0223	0.223
Camphene	0.0000	0.000
delta-3-Carene	0.0000	0.000
beta-Caryophyllene	0.0305	0.305
(-)-Caryophyllene Oxide	0.0000	0.000
p-Cymene	0.0000	0.000
Eucalyptol	0.0447	0.447
Geraniol	0.0000	0.000
alpha-Humulene	0.0116	0.116
(-)-Isopulegol	0.0000	0.000
d-Limonene	0.0029	0.029
Linalool	0.0074	0.074
beta-Myrcene	0.0032	0.032
cis-Nerolidol	0.0000	0.000
trans-Nerolidol	0.0000	0.000
Ocimene	0.0000	0.000
beta-Ocimene	0.0000	0.000
alpha-Pinene	0.0000	0.000
(-)-beta-Pinene	0.0000	0.000
alpha-Terpinene	0.0000	0.000
gamma-Terpinene	0.0000	0.000
Terpinolene	0.0000	0.000
	0.1226	1.226

PREDOMINANT TERPENES

alpha-Pinene	0.0000
(-)-beta-Pinene	0.0000
beta-Myrcene	0.0032
delta-3-Carene	0.0000
alpha-Terpinene	0.0000
d-Limonene	0.0029
Linalool	0.0074
beta-Caryophyllene	0.0305
alpha-Humulene	0.0116
(-)-alpha-Bisabolol	0.0223

NOTES:

N/A

FINAL APPROVAL



 Daniel Weidensaul
 20-Sep-2021
 1:25 PM



 Ryan Weems
 20-Sep-2021
 1:29 PM

PREPARED BY / DATE

APPROVED BY / DATE

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A2LA Certificate Number 4329.02



Certificate #4329.02


Prepared for:


NED-DS-750-B001
NED & CO. LLC

Batch ID or Lot Number: De-Stress Batch 001 750mg	Test: Residual Solvents	Reported: 9/16/21	Location: 5345 Arapahoe Ave STE 4 BOULDER, CO 80303
Matrix: N/A	Test ID: T000163811	Started: 9/8/21	USDA License: N/A
Status: N/A	Methods: TM04 (GC-MS): Residual Solvents	Received: 09/15/2021 @ 10:39 AM	Sampler ID: N/A

RESIDUAL SOLVENTS DETERMINATION

Solvent	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	80 - 1592	*ND	
Butanes (Isobutane, n-Butane)	156 - 3118	*ND	
Methanol	62 - 1236	*ND	
Pentane	88 - 1758	*ND	
Ethanol	96 - 1927	*ND	
Acetone	99 - 1973	*ND	
Isopropyl Alcohol	105 - 2095	*ND	
Hexane	6 - 118	*ND	
Ethyl Acetate	100 - 2005	*ND	
Benzene	0 - 4	*ND	
Heptanes	94 - 1878	*ND	
Toluene	18 - 359	*ND	
Xylenes (m,p,o-Xylenes)	129 - 2582	*ND	


 Daniel Weidensaul
 16-Sep-21
 12:22 PM


 Karen Winternheimer
 16-Sep-21
 12:24 PM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

* ND = None Detected (Defined by Dynamic Range of the method)

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Certificate #4329.02

Prepared for:

NED-DS-750-B001
NED & CO. LLC


Batch ID or Lot Number: De-Stress Batch 001 750mg	Test: Pesticides	Reported: 9/20/21	Location: 5345 Arapahoe Ave STE 4 BOULDER, CO 80303
-----------------------------------------------------------------	----------------------------	-----------------------------	-----------------------------------------------------------


Matrix: Concentrate	Test ID: T000163808	Started: 9/17/21	USDA License: N/A
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Status: N/A	Method: TM17(LC-QQQ LC MS/MS):	Received: 09/15/2021 @ 10:39 AM	Sampler ID: N/A
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PESTICIDE DETERMINATION

Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)
Acephate	38	ND	Fenoxycarb	43	ND	Paclobutrazol	41	ND
Acetamiprid	38	ND	Fipronil	55	ND	Permethrin	305	ND
Avermectin	312	ND	Fonicamid	40	ND	Phosmet	39	ND
Azoxystrobin	42	ND	Fludioxonil	286	ND	Prophos	291	ND
Bifenazate	39	ND	Hexythiazox	35	ND	Propoxur	41	ND
Boscalid	41	ND	Imazalil	278	ND	Pyridaben	303	ND
Carbaryl	35	ND	Imidacloprid	37	ND	Spinosad A	34	ND
Carbofuran	40	ND	Kresoxim-methyl	150	ND	Spinosad D	52	ND
Chlorantraniliprole	34	ND	Malathion	286	ND	Spiromesifen	274	ND
Chlorpyrifos	500	ND	Metalaxyl	42	ND	Spirotetramat	303	ND
Clofentezine	287	ND	Methiocarb	38	ND	Spiroxamine 1	18	ND
Diazinon	290	ND	Methomyl	38	ND	Spiroxamine 2	24	ND
Dichlorvos	286	ND	MGK 264 1	160	ND	Tebuconazole	283	ND
Dimethoate	40	ND	MGK 264 2	117	ND	Thiacloprid	38	ND
E-Fenpyroximate	277	ND	Myclobutanil	39	ND	Thiamethoxam	38	ND
Etofenprox	41	ND	Naled	44	ND	Trifloxystrobin	44	ND
Etoxazole	304	ND	Oxamyl	1500	ND			


 Sam Smith
 9/20/2021
 1:03:00 PM


 Courtney Richards
 9/20/2021
 4:57:00 PM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

LOQ = Limit of Quantification
 ppb = Parts per Billion

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Certificate #4329.02

NED-DS-750-B001

Batch ID:	De-Stress Batch 001 750mg	Test ID:	T000163809
Matrix:	Finished Product	Received:	09/15/2021 @ 10:39 AM
Test:	Microbial Contaminants	Started:	9/15/2021
Method:	TM25 (qPCR) TM24, TM26, TM27, TM28 (Culture Plating)	Reported:	9/19/2021

MICROBIAL CONTAMINANTS

Contaminant	Method	LOD	LLOQ	ULOQ	Result
Total Aerobic Count*	TM-26 Culture Plating	10 ² CFU/g	10 ³ CFU/g	1.5x10 ⁵ CFU/g	None Detected
Total Coliforms*	TM-27 Culture Plating	10 ¹ CFU/g	10 ² CFU/g	1.5x10 ⁴ CFU/g	None Detected
Total Yeast and Molds*	TM-24 Culture Plating	10 ¹ CFU/g	10 ² CFU/g	1.5x10 ⁴ CFU/g	None Detected
E. coli	TM-28 Culture Plating	1 CFU/g	NA	NA	Absent
E. coli (STEC)	TM-25 PCR	1 CFU/g	NA	NA	Absent
Salmonella	TM-25 PCR	1 CFU/g	NA	NA	Absent

* 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

NOTES:

Free from visual mold, mildew, and foreign matter

DEFINITIONS:


CFU/g = Colony Forming Units per Gram.

LOD = Limit of Detection


ULOQ = Upper Limit of Quantitation

LLOQ = Lower Limit of Quantitation

FINAL APPROVAL


Robert Belfon
9/18/2021
10:42:00 AM

PREPARED BY / DATE


Courtney Richards
9/19/2021
8:57:00 AM

APPROVED BY / DATE

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Certificate #4329.03


Prepared for:

NED-DS-750-B001
NED & CO. LLC


Batch ID or Lot Number: De-Stress Batch 001 Metals 750mg	Test: Metals	Reported: 9/17/21	Location: 5345 Arapahoe Ave STE 4 BOULDER, CO 80303
Matrix: Unit	Test ID: T000163810	Started: 9/16/21	USDA License: N/A
Status: N/A	Method: TM19 (ICP-MS); Heavy Metals	Received: 09/15/2021 @ 10:39 AM	Sampler ID: N/A

HEAVY METALS DETERMINATION

Compound	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.047 - 4.71	ND	
Cadmium	0.045 - 4.49	ND	
Mercury	0.045 - 4.47	ND	
Lead	0.047 - 4.67	ND	


 Ryan Weems
 17-Sep-21
 12:02 PM

PREPARED BY / DATE


 Sam Smith
 17-Sep-21
 12:36 PM

APPROVED BY / DATE

Definitions

ND = None Detected (Defined by Dynamic Range of the method)

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