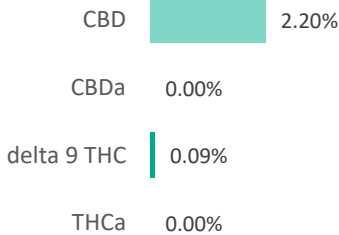
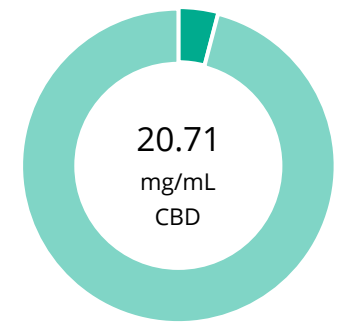


NED-BAL-B009

Batch ID:	Balance Blend Batch 009	Test ID:	T000177779
Type:	Solution	Submitted:	11/22/2021 @ 09:53 AM
Test:	Potency	Started:	11/23/2021
Method:	TM14 (HPLC-DAD)	Reported:	11/24/2021

CANNABINOID PROFILE



Compound	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.13	ND	ND
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.15	0.88	0.9
Cannabidiolic acid (CBDA)	0.16	ND	ND
Cannabidiol (CBD)	0.15	20.71	22.0
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.16	ND	ND
Cannabinolic Acid (CBNA)	0.09	ND	ND
Cannabinol (CBN)	0.04	0.05	0.1
Cannabigerolic acid (CBGA)	0.14	ND	ND
Cannabigerol (CBG)	0.03	1.04	1.1
Tetrahydrocannabivarinic Acid (THCVA)	0.12	ND	ND
Tetrahydrocannabivarin (THCV)	0.03	ND	ND
Cannabidivarinic Acid (CBDVA)	0.07	ND	ND
Cannabidivarin (CBDV)	0.04	0.16	0.2
Cannabichromenic Acid (CBCA)	0.05	ND	ND
Cannabichromene (CBC)	0.06	1.08	1.1
Total Cannabinoids		23.92	25.4
Total Potential THC**		0.88	0.9
Total Potential CBD**		20.71	22.0

% = % (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

 Daniel Weidensaul 24-Nov-2021 3:18 PM	 Rvan Weems 24-Nov-2021 3:19 PM
PREPARED BY / DATE	APPROVED BY / DATE

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Certificate #4329.02

NED-BAL-B009

Batch ID:	Balance Blend Batch 009	Test ID:	T000177780
Type:	Unit	Submitted:	11/22/2021 @ 09:53 AM
Test:	Trace THC	Started:	11/23/2021
Method:	TM20 (HPLC-DAD)	Reported:	11/24/2021

TRACE THC/THCa PROFILE

Compound	Dynamic Range (%)	Result (%)	Result (mg/g)
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.001 - 0.651	0.089	0.89
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.001 - 1.302	ND**	ND**
Total Potential THC*		0.089	0.89

% = % (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)

NOTES:

N/A

FINAL APPROVAL

Sam Smith
24-Nov-2021
2:24 PMRvan Weems
24-Nov-2021
2:27 PM

PREPARED BY / DATE

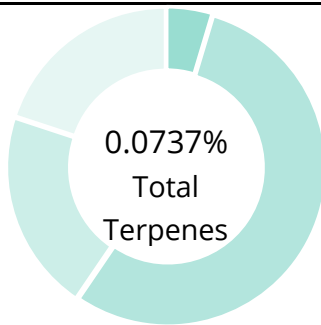
APPROVED BY / DATE

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NED-BAL-B009

Batch ID:	Balance Blend Batch 009	Test ID:	T000177781
Type:	Concentrate	Submitted:	11/22/2021 @ 09:53 AM
Test:	Terpenes	Started:	11/22/2021
Method:	TM22 (GC-MS)	Reported:	11/23/2021

TERPENE PROFILE



Compound	%(w/w)	mg/g
(-)-alpha-Bisabolol	0.0129	0.129
Camphene	0.0000	0.000
delta-3-Carene	0.0000	0.000
beta-Caryophyllene	0.0355	0.355
(-)-Caryophyllene Oxide	0.0000	0.000
p-Cymene	0.0069	0.069
Eucalyptol	0.0000	0.000
Geraniol	0.0000	0.000
alpha-Humulene	0.0133	0.133
(-)-Isopulegol	0.0000	0.000
d-Limonene	0.0000	0.000
Linalool	0.0030	0.030
beta-Myrcene	0.0000	0.000
cis-Nerolidol	0.0000	0.000
trans-Nerolidol	0.0021	0.021
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
	0.0737	0.737



PREDOMINANT TERPENES

alpha-Pinene	0.0000
(-)-beta-Pinene	0.0000
beta-Myrcene	0.0000
delta-3-Carene	0.0000
alpha-Terpinene	0.0000
d-Limonene	0.0000
Linalool	0.0030
beta-Caryophyllene	0.0355
alpha-Humulene	0.0133
(-)-alpha-Bisabolol	0.0129

NOTES:

N/A

FINAL APPROVAL

 Rvan Weems 23-Nov-2021 6:17 PM	 Daniel Weidensaul 23-Nov-2021 6:28 PM
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PREPARED BY / DATE

APPROVED BY / DATE

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A2LA Certificate Number 4329.02



Certificate #4329.02


Prepared for:


NED-BAL-B009
NED & CO. LLC

Batch ID or Lot Number: Balance Blend Batch Residual Solvents 009	Test: Residual Solvents	Reported: 11/30/21	Location: 5345 Arapahoe Ave STE 4 BOULDER, CO 80303
Matrix: N/A	Test ID: T000177785	Started: 11/30/21	USDA License: N/A
Status: N/A	Methods: TM04 (GC-MS): Residual Solvents	Received: 11/22/2021 @ 09:53 AM	Sampler ID: N/A

RESIDUAL SOLVENTS DETERMINATION

Solvent	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	103 - 2057	*ND	
Butanes (Isobutane, n-Butane)	204 - 4072	*ND	
Methanol	60 - 1208	*ND	
Pentane	84 - 1675	*ND	
Ethanol	86 - 1710	*ND	
Acetone	99 - 1974	*ND	
Isopropyl Alcohol	103 - 2059	*ND	
Hexane	6 - 119	*ND	
Ethyl Acetate	99 - 1978	*ND	
Benzene	0.2 - 3.9	*ND	
Heptanes	93 - 1863	*ND	
Toluene	18 - 360	*ND	
Xylenes (m,p,o-Xylenes)	130 - 2595	*ND	


 Daniel Weidensaul
 30-Nov-21
 7:54 PM


 Ryan Weems
 30-Nov-21
 8:02 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-BAL-B009
NED & CO. LLC

Batch ID or Lot Number: Balance Blend Batch 009	Test: Pesticides	Reported: 11/30/21	Location: 5345 Arapahoe Ave STE 4 BOULDER, CO 80303
Matrix: Concentrate	Test ID: T000177782	Started: 11/29/21	USDA License: N/A
Status: N/A	Method: TM17(LC-QQQ LC MS/MS):	Received: 11/22/2021 @ 09:53 AM	Sampler ID: N/A

PESTICIDE DETERMINATION

Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)	Compound	LOQ (ppb)	Result (ppb)
Acephate	34	ND	Fenoxycarb	47	ND	Paclobutrazol	43	ND
Acetamiprid	43	ND	Fipronil	2	ND	Permethrin	283	ND
Avermectin	274	ND	Flonicamid	47	ND	Phosmet	36	ND
Azoxystrobin	46	ND	Fludioxonil	292	ND	Prophos	283	ND
Bifenazate	43	ND	Hexythiazox	41	ND	Propoxur	43	ND
Boscalid	55	ND	Imazalil	286	ND	Pyridaben	287	ND
Carbaryl	41	ND	Imidacloprid	48	ND	Spinosad A	35	ND
Carbofuran	43	ND	Kresoxim-methyl	150	ND	Spinosad D	51	ND
Chlorantraniliprole	47	ND	Malathion	294	ND	Spiromesifen	274	ND
Chlorpyrifos	500	ND	Metalaxyl	45	ND	Spirotetramat	287	ND
Clofentezine	281	ND	Methiocarb	41	ND	Spiroxamine 1	29	ND
Diazinon	285	ND	Methomyl	42	ND	Spiroxamine 2	27	ND
Dichlorvos	320	ND	MGK 264 1	158	ND	Tebuconazole	289	ND
Dimethoate	45	ND	MGK 264 2	127	ND	Thiacloprid	43	ND
E-Fenpyroximate	287	ND	Myclobutanil	42	ND	Thiamethoxam	36	ND
Etofenprox	46	ND	Naled	41	ND	Trifloxystrobin	48	ND
Etoxazole	296	ND	Oxamyl	1500	ND			


 Karen Winternheimer
 11/30/2021
 1:59:00 PM


 Sam Smith
 11/30/2021
 2:24:00 PM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

LOQ = Limit of Quantification
 ppb = Parts per Billion

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Certificate #4329.02

NED-BAL-B009

Batch ID:	Balance Blend Batch 009	Test ID:	T000177783
Matrix:	Finished Product	Received:	11/22/2021 @ 09:53 AM
Test:	Microbial Contaminants	Started:	11/22/2021
Method:	TM25 (qPCR) TM24, TM26, TM27, TM28 (Culture Plating)	Reported:	11/26/2021

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
<i>E. coli</i>	TM-28 Culture Plating	1 CFU/g	NA	NA	Absent
<i>E. coli</i> (STEC)	TM-25 PCR	1 CFU/g	NA	NA	Absent
<i>Salmonella</i>	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



Carly Bader
 11/25/2021
 11:20:00 AM



Courtney Richards
 11/26/2021
 1:41:00 AM

PREPARED BY / DATE

APPROVED BY / DATE

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Certificate #4329.03


Prepared for:

NED-BAL-B009
NED & CO. LLC

Batch ID or Lot Number: Balance Blend Batch Metals 009	Test: Metals	Reported: 11/29/21	Location: 5345 Arapahoe Ave STE 4 BOULDER, CO 80303
Matrix: Unit	Test ID: T000177784	Started: 11/24/21	USDA License: N/A
Status: N/A	Method: TM19 (ICP-MS); Heavy Metals	Received: 11/22/2021 @ 09:53 AM	Sampler ID: N/A

HEAVY METALS DETERMINATION

Compound	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.045 - 4.52	ND	
Cadmium	0.045 - 4.53	ND	
Mercury	0.041 - 4.11	ND	
Lead	0.041 - 4.12	ND	


 Sam Smith
 29-Nov-21
 10:23 AM

PREPARED BY / DATE


 Ryan Weems
 29-Nov-21
 10:25 AM

APPROVED BY / DATE

Definitions

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

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