

Prepared for:
NED & CO. LLC

5345 Arapahoe Ave STE 4
BOULDER, CO USA 80303


NED Balance Blend 600mg Batch 010

Batch ID or Lot Number: NED-BAL-600-010	Test: Potency	Reported: 29Jul2022	USDA License: N/A
Matrix: Solution	Test ID: T000215662	Started: 28Jul2022	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 27Jul2022	Status: N/A

Cannabinoids

	LOD (mg/mL)	LOQ (mg/mL)	Result (mg/mL)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.063	0.176	0.990	1.10	Density = 0.94g/mL
Cannabichromenic Acid (CBCA)	0.058	0.161	ND	ND	
Cannabidiol (CBD)	0.185	0.470	22.490	23.90	
Cannabidiolic Acid (CBDA)	0.190	0.482	ND	ND	
Cannabidivarin (CBDV)	0.044	0.111	0.090	0.10	
Cannabidivarinic Acid (CBDVA)	0.079	0.201	ND	ND	
Cannabigerol (CBG)	0.036	0.100	1.260	1.30	
Cannabigerolic Acid (CBGA)	0.151	0.417	ND	ND	
Cannabinol (CBN)	0.047	0.130	ND	ND	
Cannabinolic Acid (CBNA)	0.103	0.285	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.179	0.497	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.163	0.451	0.960	1.00	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.144	0.400	ND	ND	
Tetrahydrocannabivarin (THCV)	0.033	0.091	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.127	0.353	ND	ND	
Total Cannabinoids			25.790	27.44	
Total Potential THC			0.960	1.02	
Total Potential CBD			22.490	23.93	

Final Approval



Sam Smith
29Jul2022
01:28:00 PM MDT

PREPARED BY / DATE



Jacob Miller
29Jul2022
01:32:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/cd3d6d57-22a0-460a-8e7a-75cb5de891c6>

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 17025:2017 Accredited by A2LA.



Cert #4329.02

cd3d6d5722a0460a8e7a75cb5de891c6.1

Prepared for:
NED & CO. LLC5345 Arapahoe Ave STE 4
BOULDER, CO USA 80303**NED Balance Blend 600mg Batch 010**

Batch ID or Lot Number: NED-BAL-600-010	Test: Trace THC	Reported: 03Aug2022	USDA License: NA
Matrix: Unit	Test ID: T000215663	Started: 02Aug2022	Sampler ID: NA
	Method(s): TM20 (HPLC-DAD)	Received: 27Jul2022	Status: NA

Cannabinoids

	Dynamic Range (%)	Result (%)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.001 - 0.673	0.105	1.05	N/A
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.002 - 1.347	ND	0.00	N/A
Total Potential THC	-	0.105	1.05	

Final ApprovalJacob 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/d6e58cbc-e490-46dc-827c-9d9035a53295>**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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d6e58cbce49046dc827c9d9035a53295.1

Prepared for:
NED & CO. LLC

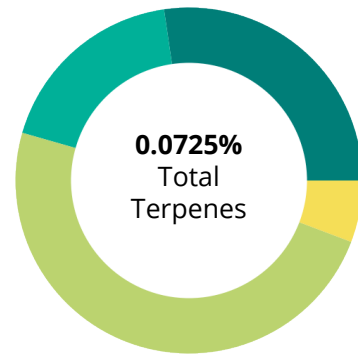
5345 Arapahoe Ave STE 4
BOULDER, CO USA 80303

NED Balance Blend 600mg Batch 010

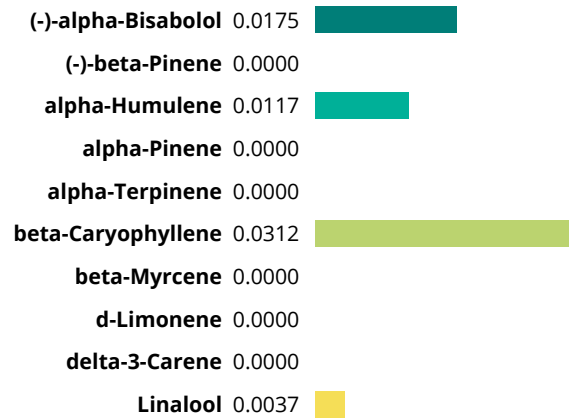
Batch ID or Lot Number: NED-BAL-600-010	Test: Terpenes	Reported: 04Aug2022	USDA License: NA
Matrix: Concentrate	Test ID: T000215664	Started: 03Aug2022	Sampler ID: NA
	Method(s): TM22 (GC-MS)	Received: 27Jul2022	Status: NA

Terpenes

Terpenes	%(w/w)	(mg/g)
(-)-alpha-Bisabolol	0.0175	0.175
(-)-beta-Pinene	0.0000	0.0000
(-)-Caryophyllene Oxide	0.0000	0.0000
(-)-Isopulegol	0.0000	0.0000
alpha-Humulene	0.0117	0.117
alpha-Pinene	0.0000	0.0000
alpha-Terpinene	0.0000	0.0000
beta-Caryophyllene	0.0312	0.312
beta-Myrcene	0.0000	0.0000
beta-Ocimene	0.0000	0.0000
Camphene	0.0000	0.0000
cis-Nerolidol	0.0000	0.0000
d-Limonene	0.0000	0.0000
delta-3-Carene	0.0000	0.0000
Eucalyptol	0.0000	0.0000
gamma-Terpinene	0.0000	0.0000
Geraniol	0.0000	0.0000
Linalool	0.0037	0.037
Ocimene	0.0000	0.0000
p-Cymene	0.0065	0.065
Terpinolene	0.0000	0.0000
trans-Nerolidol	0.0019	0.019
Total	0.0725	0.7250



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/cea99474-eb95-4c22-a54b-9adab667fd51>

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cea99474eb954c22a54b9adab667fd51.1

Prepared for:
NED & CO. LLC

5345 Arapahoe Ave STE 4
BOULDER, CO USA 80303

NED Balance Blend 600mg Batch 010

Batch ID or Lot Number: NED-BAL-600-010	Test: Residual Solvents	Reported: 29Jul2022	USDA License: N/A
Matrix: Concentrate	Test ID: T000215668	Started: 28Jul2022	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 27Jul2022	Status: Active

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	84 - 1680	ND	
Butanes (Isobutane, n-Butane)	173 - 3459	ND	
Methanol	61 - 1220	ND	
Pentane	94 - 1872	ND	
Ethanol	94 - 1881	ND	
Acetone	101 - 2022	ND	
Isopropyl Alcohol	99 - 1984	ND	
Hexane	6 - 117	ND	
Ethyl Acetate	93 - 1869	ND	
Benzene	0.2 - 4.0	ND	
Heptanes	99 - 1980	ND	
Toluene	18 - 358	ND	
Xylenes (m,p,o-Xylenes)	133 - 2662	ND	

Final Approval



Jacob Miller
29Jul2022
12:34:00 PM MDT

PREPARED BY / DATE



Sam Smith
29Jul2022
12:36:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/37c35a9a-b1a0-42fe-ad1e-293127ffe5b9>

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 Balance Blend 600mg Batch 010

Batch ID or Lot Number: NED-BAL-600-010	Test: Microbial Contaminants	Reported: 31Jul2022	USDA License: NA
Matrix: Finished Product	Test ID: T000215666	Started: 27Jul2022	Sampler ID: NA
	Method(s): TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Received: 27Jul2022	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


 Brianne Maillot
 30Jul2022
 03:01:00 PM MDT



 Brett Hudson
 31Jul2022
 11:05:00 AM MDT


PREPARED BY / DATE

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/edf9b2a3-78a8-4e02-ba61-194a844aa832>
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 Balance Blend 600mg Batch 010

Batch ID or Lot Number: NED-BAL-600-010	Test: Heavy Metals	Reported: 02Aug2022	USDA License: NA
Matrix: Unit	Test ID: T000215667	Started: 01Aug2022	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 27Jul2022	Status: NA

Heavy Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.29	ND	
Cadmium	0.04 - 4.45	ND	
Mercury	0.04 - 4.45	ND	
Lead	0.04 - 4.42	ND	

Final Approval



Daniel Weidensaul
02Aug2022
02:45:00 PM MDT

PREPARED BY / DATE



Courtney Richards
02Aug2022
03:28:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/291e941c-cc30-4cd6-b17b-f94e82838ae1>

Definitions

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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 Balance Blend 600mg Batch 010

Batch ID or Lot Number: NED-BAL-600-010	Test: Pesticides	Reported: 02Aug2022	USDA License: NA
Matrix: Concentrate	Test ID: T000215665	Started: 01Aug2022	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 27Jul2022	Status: NA

Pesticides	Dynamic Range (ppb)	Result (ppb)	Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	405 - 2605	ND	Malathion	285 - 2791	ND
Acephate	41 - 2850	ND	Metalaxyl	45 - 2748	ND
Acetamiprid	41 - 2791	ND	Methiocarb	44 - 2766	ND
Azoxystrobin	44 - 2745	ND	Methomyl	41 - 2804	ND
Bifenazate	44 - 2726	ND	MGK 264 1	154 - 1655	ND
Boscalid	44 - 2740	ND	MGK 264 2	100 - 1154	ND
Carbaryl	40 - 2756	ND	Myclobutanil	186 - 2673	ND
Carbofuran	41 - 2719	ND	Naled	45 - 2734	ND
Chlorantraniliprole	42 - 2738	ND	Oxamyl	44 - 2808	ND
Chlorpyrifos	60 - 2712	ND	Pacllobutrazol	42 - 2719	ND
Clofentezine	278 - 2749	ND	Permethrin	276 - 2727	ND
Diazinon	280 - 2766	ND	Phosmet	45 - 2697	ND
Dichlorvos	276 - 2797	ND	Prophos	289 - 2768	ND
Dimethoate	43 - 2785	ND	Propoxur	44 - 2728	ND
E-Fenpyroximate	296 - 2704	ND	Pyridaben	314 - 2657	ND
Etofenprox	41 - 2682	ND	Spinosad A	38 - 2262	ND
Etoxazole	318 - 2693	ND	Spinosad D	53 - 491	ND
Fenoxycarb	43 - 2718	ND	Spiromesifen	333 - 2720	ND
Fipronil	11 - 2739	ND	Spirotetramat	271 - 2754	ND
Flonicamid	48 - 2818	ND	Spiroxamine 1	19 - 1164	ND
Fludioxonil	317 - 2775	ND	Spiroxamine 2	25 - 1549	ND
Hexythiazox	40 - 2730	ND	Tebuconazole	287 - 2753	ND
Imazalil	281 - 2748	ND	Thiacloprid	42 - 2774	ND
Imidacloprid	46 - 2799	ND	Thiamethoxam	44 - 2818	ND
Kresoxim-methyl	44 - 2776	ND	Trifloxystrobin	44 - 2741	ND

Final Approval



Daniel Weidensaul
02Aug2022
04:24:00 PM MDT

PREPARED BY / DATE



Karen Winternheimer
02Aug2022
04:26:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/2bc3f895-f660-4ac0-8b48-4934a82306e9>

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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