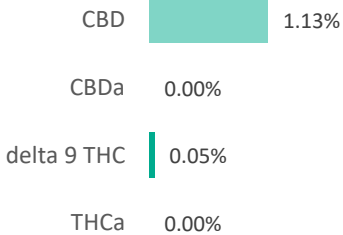
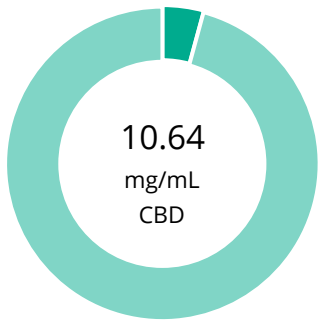


NED Daily Blend Hemp Oil 300mg Batch 034

Batch ID:	NED-FSO-300-B034	Test ID:	T000198343
Type:	Solution	Submitted:	03/16/2022 @ 10:51 AM
Test:	Potency	Started:	3/16/2022
Method:	TM14 (HPLC-DAD)	Reported:	3/28/2022

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	0.47	0.5
Cannabidiolic acid (CBDA)	0.14	ND	ND
Cannabidiol (CBD)	0.14	10.64	11.3
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.15	ND	ND
Cannabinolic Acid (CBNA)	0.09	ND	ND
Cannabinol (CBN)	0.04	ND	ND
Cannabigerolic acid (CBGA)	0.13	ND	ND
Cannabigerol (CBG)	0.03	0.48	0.5
Tetrahydrocannabivarinic Acid (THCVA)	0.11	ND	ND
Tetrahydrocannabivarin (THCV)	0.03	ND	ND
Cannabidivarinic Acid (CBDVA)	0.06	ND	ND
Cannabidivarin (CBDV)	0.03	0.04	0.0
Cannabichromenic Acid (CBCA)	0.05	ND	ND
Cannabichromene (CBC)	0.05	0.38	0.4
Total Cannabinoids		12.01	12.8
Total Potential THC**		0.47	0.5
Total Potential CBD**		10.64	11.3

NOTES:

Amended from certificate T000198343, originally dated 17Mar2022; corrected name of sample.

Density = 0.94g/mL

% = % (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.

Total THC = THC + (THCa *(0.877)) and

Total CBD = CBD + (CBDa *(0.877))

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

FINAL APPROVAL


Kavla Phve
28-Mar-2022
4:17 PM

PREPARED BY / DATE


Hannah Wright
28-Mar-2022
4:19 PM

APPROVED BY / DATE

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 Certificate Number 4329.02



Certificate #4329.02

Prepared for:
NED & CO. LLC

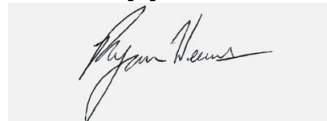
5345 Arapahoe Ave STE 4
BOULDER, CO USA 80303

NED Daily Blend 300mg Batch 034

Batch ID or Lot Number: NED-FSO-300-034	Test: Trace THC	Reported: 17Mar2022	USDA License: NA
Matrix: Unit	Test ID: T000196741	Started: 15Mar2022	Sampler ID: NA
	Method(s): TM20 (HPLC-DAD)	Received: 08Mar2022	Status: NA

Cannabinoids	Dynamic Range (%)	Result (%)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.001 - 0.696	0.037	0.37	N/A
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.002 - 1.393	ND	0.00	N/A
Total Potential THC*	-	0.037	0.37	

Final Approval



Ryan Weems
16Mar2022
03:18:00 PM MDT

PREPARED BY / DATE



Sam Smith
16Mar2022
03:23:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/76ab93ee-452c-4aeb-b44e-aca81d182fbb>

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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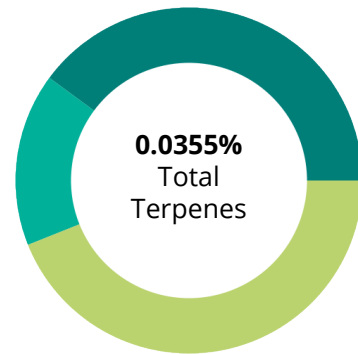
Prepared for:
NED & CO. LLC

5345 Arapahoe Ave STE 4
BOULDER, CO USA 80303

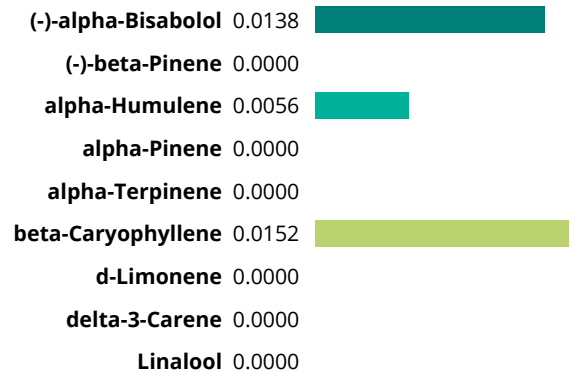
NED Daily Blend 300mg Batch 034

Batch ID or Lot Number: NED-FSO-300-034	Test: Terpenes	Reported: 14Mar2022	USDA License: NA
Matrix: Concentrate	Test ID: T000196742	Started: 11Mar2022	Sampler ID: NA
	Method(s): TM22 (GC-MS)	Received: 08Mar2022	Status: NA

Terpenes	%(w/w)	(mg/g)
(-)-alpha-Bisabolol	0.0138	0.138
(-)-beta-Pinene	0.0000	0.0000
(-)-Caryophyllene Oxide	0.0000	0.0000
(-)-Isopulegol	0.0000	0.0000
alpha-Humulene	0.0056	0.056
alpha-Pinene	0.0000	0.0000
alpha-Terpinene	0.0000	0.0000
beta-Caryophyllene	0.0152	0.152
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	0.0000	0.0000
Ocimene	0.0000	0.0000
p-Cymene	0.0000	0.0000
Terpinolene	0.0000	0.0000
trans-Nerolidol	0.0009	0.009
	0.0355	0.3550

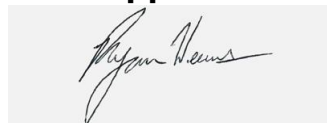


PREDOMINANT TERPENES



Notes

Final Approval



Ryan Weems
14Mar2022
05:11:00 PM MDT

PREPARED BY / DATE



Daniel Weidensaul
14Mar2022
05:15:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/07c7f354-445d-451e-a76c-db470c2959ec>

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07c7f354445d451ea76cdb470c2959ec.1

Prepared for:
NED & CO. LLC

5345 Arapahoe Ave STE 4
BOULDER, CO USA 80303

NED Daily Blend 300mg Batch 034

Batch ID or Lot Number: NED-FSO-300-034	Test: Residual Solvents	Reported: 11Mar2022	USDA License: N/A
Matrix: Concentrate	Test ID: T000196746	Started: 10Mar2022	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 08Mar2022	Status: N/A

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	93 - 1859	ND	
Butanes (Isobutane, n-Butane)	181 - 3626	ND	
Methanol	57 - 1147	ND	
Pentane	92 - 1848	ND	
Ethanol	89 - 1781	ND	
Acetone	96 - 1930	ND	
Isopropyl Alcohol	96 - 1924	ND	
Hexane	6 - 116	ND	
Ethyl Acetate	91 - 1813	ND	
Benzene	0.2 - 3.7	ND	
Heptanes	95 - 1906	ND	
Toluene	17 - 340	ND	
Xylenes (m,p,o-Xylenes)	124 - 2488	ND	

Final Approval



Karen Winternheimer
11Mar2022
10:06:00 AM MST

PREPARED BY / DATE



Sam Smith
11Mar2022
10:11:00 AM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/d244a091-71f4-4ba1-8e43-cb11252ae112>

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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Cert #4329.02
d244a09171f44ba18e43cb11252ae112.1

Prepared for:
NED & CO. LLC

5345 Arapahoe Ave STE 4
BOULDER, CO USA 80303

NED Daily Blend 300mg Batch 034

Batch ID or Lot Number: NED-FSO-300-034	Test: Pesticides	Reported: 15Mar2022	USDA License: NA
Matrix: Concentrate	Test ID: T000196743	Started: 14Mar2022	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 08Mar2022	Status: NA

Pesticides	Dynamic Range (ppb)	Result (ppb)	Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	353 - 2756	ND	Malathion	294 - 2718	ND
Acephate	45 - 2802	ND	Metalaxyl	43 - 2719	ND
Acetamiprid	37 - 2787	ND	Methiocarb	41 - 2715	ND
Azoxystrobin	44 - 2700	ND	Methomyl	42 - 2780	ND
Bifenazate	42 - 2708	ND	MGK 264 1	176 - 1627	ND
Boscalid	55 - 2660	ND	MGK 264 2	121 - 1137	ND
Carbaryl	40 - 2722	ND	Myclobutanil	46 - 2700	ND
Carbofuran	40 - 2726	ND	Naled	46 - 2749	ND
Chlorantraniliprole	49 - 2670	ND	Oxamyl	38 - 2790	ND
Chlorpyrifos	34 - 2810	ND	Pacllobutrazol	47 - 2701	ND
Clofentezine	273 - 2749	ND	Permethrin	314 - 2729	ND
Diazinon	284 - 2733	ND	Phosmet	39 - 2722	ND
Dichlorvos	286 - 2782	ND	Prophos	304 - 2704	ND
Dimethoate	38 - 2751	ND	Propoxur	40 - 2724	ND
E-Fenpyroximate	308 - 2785	ND	Pyridaben	292 - 2778	ND
Etofenprox	40 - 2777	ND	Spinosad A	28 - 2274	ND
Etoxazole	297 - 2743	ND	Spinosad D	43 - 506	ND
Fenoxycarb	43 - 2728	ND	Spiromesifen	282 - 2791	ND
Fipronil	56 - 2712	ND	Spirotetramat	308 - 2684	ND
Flonicamid	44 - 2767	ND	Spiroxamine 1	18 - 1168	ND
Fludioxonil	292 - 2692	ND	Spiroxamine 2	25 - 1534	ND
Hexythiazox	43 - 2778	ND	Tebuconazole	290 - 2736	ND
Imazalil	259 - 2781	ND	Thiacloprid	41 - 2757	ND
Imidacloprid	46 - 2734	ND	Thiamethoxam	41 - 2781	ND
Kresoxim-methyl	45 - 2739	ND	Trifloxystrobin	42 - 2741	ND

Final Approval



Daniel Weidensaul
15Mar2022
03:56:00 PM MDT

PREPARED BY / DATE



Karen Winternheimer
15Mar2022
04:00:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/ba5ce2f5-f4f0-4563-ada1-abad1dba93ab>

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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Prepared for:
NED & CO. LLC


 5345 Arapahoe Ave STE 4
 BOULDER, CO USA 80303

NED Daily Blend 300mg Batch 034

Batch ID or Lot Number: NED-FSO-300-034	Test: Microbial Contaminants	Reported: 14Mar2022	USDA License: NA
Matrix: Finished Product	Test ID: T000196744	Started: 09Mar2022	Sampler ID: NA
	Method(s): TM25 (qPCR) TM24, TM26, TM27, TM28 (Culture Plating)	Received: 08Mar2022	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 None Detected None Detected
<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
 14Mar2022
 10:25:00 AM MDT

PREPARED BY / DATE



 Jackson Osaghae-Nosa
 14Mar2022
 02:45:00 PM MDT

APPROVED BY / DATE


<https://results.botanacor.com/api/v1/coas/uuid/d64221a7-05c5-4757-9c0e-451856c8f61a>
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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 Cert #4329.02
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Prepared for:
NED & CO. LLC

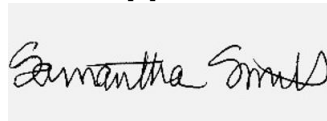
5345 Arapahoe Ave STE 4
BOULDER, CO USA 80303

NED Daily Blend 300mg Batch 034

Batch ID or Lot Number: NED-FSO-300-034	Test: Heavy Metals	Reported: 15Mar2022	USDA License: NA
Matrix: Unit	Test ID: T000196745	Started: 14Mar2022	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 08Mar2022	Status: NA

Heavy Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.60	ND	
Cadmium	0.04 - 4.37	ND	
Mercury	0.04 - 4.37	ND	
Lead	0.04 - 4.36	ND	

Final Approval



Sam Smith
15Mar2022
11:37:00 AM MDT

PREPARED BY / DATE



Ryan Weems
15Mar2022
11:40:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/14606612-9384-4f03-a922-6a04aa13b51f>

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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