

Prepared for:  
**NED & CO. LLC**

5345 Arapahoe Ave STE 4  
BOULDER, CO USA 80303

## NED Body Butter 500mg Batch 013

Batch ID or Lot Number: <b>NED-BB-013</b>	Test: <b>Potency</b>	Reported: <b>11Mar2022</b>	USDA License: N/A
Matrix: Unit	Test ID: T000197155	Started: 10Mar2022	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 09Mar2022	Status: N/A

### Cannabinoids

	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	10.804	34.250	20.450	0.40	# of Servings = 1, Sample Weight=56.5g
Cannabichromenic Acid (CBCA)	9.882	31.328	ND	ND	
Cannabidiol (CBD)	29.569	89.879	538.220	9.50	
Cannabidiolic Acid (CBDA)	30.328	92.185	ND	ND	
Cannabidivarin (CBDV)	6.993	21.257	ND	ND	
Cannabidivarinic Acid (CBDVA)	12.651	38.455	ND	ND	
Cannabigerol (CBG)	6.134	19.446	ND	ND	
Cannabigerolic Acid (CBGA)	25.643	81.293	ND	ND	
Cannabinol (CBN)	8.002	25.369	ND	ND	
Cannabinolic Acid (CBNA)	17.495	55.464	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	30.550	96.850	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	27.745	87.957	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	24.582	77.930	ND	ND	
Tetrahydrocannabivarin (THCV)	5.579	17.688	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	21.682	68.738	ND	ND	
<b>Total Cannabinoids</b>			<b>558.670</b>	<b>9.89</b>	
Total Potential THC**			ND	ND	
Total Potential CBD**			538.220	9.53	

### Final Approval



Karen Winternheimer  
11Mar2022  
01:00:00 PM MST

PREPARED BY / DATE



Ryan Weems  
11Mar2022  
01:05:00 PM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/86c8419e-3857-4b26-9d33-d554ec6633f5>

#### 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 17025:2005 Accredited A2LA.



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Prepared for:  
**NED & CO. LLC**

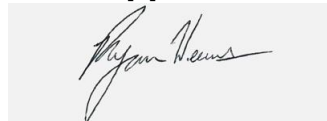
5345 Arapahoe Ave STE 4  
BOULDER, CO USA 80303

## NED Body Butter 500mg Batch 013

Batch ID or Lot Number: <b>NED-BB-013</b>	Test: <b>Trace THC</b>	Reported: <b>17Mar2022</b>	USDA License: NA
Matrix: Unit	Test ID: T000197156	Started: 15Mar2022	Sampler ID: NA
	Method(s): TM20 (HPLC-DAD)	Received: 09Mar2022	Status: NA

Cannabinoids	Dynamic Range (%)	Result (%)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.001 - 0.678	0.037	0.37	N/A
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.002 - 1.357	ND	0.00	N/A
<b>Total Potential THC*</b>	-	<b>0.037</b>	<b>0.37</b>	

## 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/bfe1b560-e715-4599-bf30-f6c31a7655e5>

**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

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.



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**NED & CO. LLC**

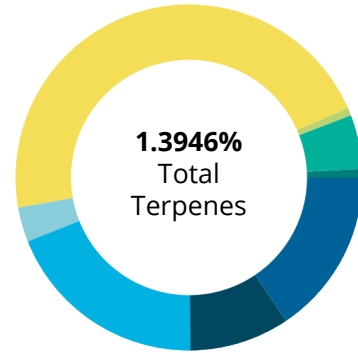
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BOULDER, CO USA 80303

## NED Body Butter 500mg Batch 013

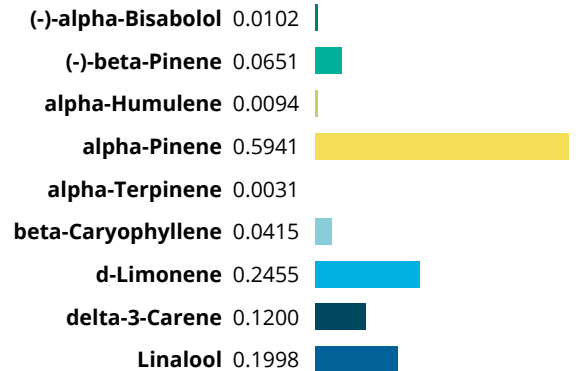
Batch ID or Lot Number: <b>NED-BB-013</b>	Test: <b>Terpenes</b>	Reported: <b>14Mar2022</b>	USDA License: NA
Matrix: Topical	Test ID: T000197157	Started: 11Mar2022	Sampler ID: NA
	Method(s): TM22 (GC-MS)	Received: 09Mar2022	Status: NA

### Terpenes

Terpenes	%(w/w)	(mg/g)
(-)-alpha-Bisabolol	0.0102	0.102
(-)-beta-Pinene	0.0651	0.651
(-)-Caryophyllene Oxide	0.0000	0.0000
(-)-Isopulegol	0.0000	0.0000
alpha-Humulene	0.0094	0.094
alpha-Pinene	0.5941	5.941
alpha-Terpinene	0.0031	0.031
beta-Caryophyllene	0.0415	0.415
beta-Myrcene	0.0310	0.310
beta-Ocimene	0.0081	0.081
Camphene	0.0084	0.084
cis-Nerolidol	0.0000	0.0000
d-Limonene	0.2455	2.455
delta-3-Carene	0.1200	1.200
Eucalyptol	0.0048	0.048
gamma-Terpinene	0.0342	0.342
Geraniol	0.0000	0.0000
Linalool	0.1998	1.998
Ocimene	0.0099	0.099
p-Cymene	0.0000	0.0000
Terpinolene	0.0085	0.085
trans-Nerolidol	0.0010	0.010
<b>1.3946</b>	<b>13.9460</b>	

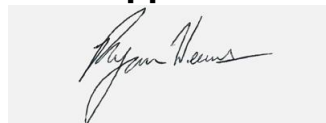


### PREDOMINANT TERPENES



### 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/80f32694-39f0-48e4-a6e6-765ff3cab475>

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**NED & CO. LLC**

5345 Arapahoe Ave STE 4  
BOULDER, CO USA 80303

## NED Body Butter 500mg Batch 013

Batch ID or Lot Number: <b>NED-BB-013</b>	Test: <b>Residual Solvents</b>	Reported: <b>11Mar2022</b>	USDA License: N/A
Matrix: Concentrate	Test ID: T000197161	Started: 10Mar2022	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 09Mar2022	Status: N/A

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	97 - 1933	ND	
Butanes (Isobutane, n-Butane)	189 - 3770	ND	
Methanol	60 - 1193	ND	
Pentane	96 - 1921	ND	
Ethanol	93 - 1852	ND	
Acetone	100 - 2007	ND	
Isopropyl Alcohol	100 - 2000	ND	
Hexane	6 - 121	ND	
Ethyl Acetate	94 - 1886	ND	
Benzene	0.2 - 3.8	ND	
Heptanes	99 - 1982	ND	
Toluene	18 - 353	ND	
Xylenes (m,p,o-Xylenes)	129 - 2587	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/29d342f5-68cc-486a-8d0e-fa6f2e931595>

### 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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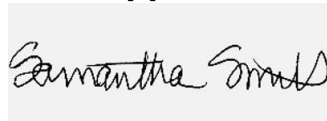
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BOULDER, CO USA 80303

## NED Body Butter 500mg Batch 013

Batch ID or Lot Number: <b>NED-BB-013</b>	Test: <b>Pesticides</b>	Reported: <b>11Mar2022</b>	USDA License: NA
Matrix: Concentrate	Test ID: T000197158	Started: 11Mar2022	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 09Mar2022	Status: NA

Pesticides	Dynamic Range (ppb)	Result (ppb)	Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	264 - 2817	ND	Malathion	289 - 2755	ND
Acephate	39 - 2805	ND	Metalaxyl	42 - 2761	ND
Acetamiprid	40 - 2759	ND	Methiocarb	43 - 2760	ND
Azoxystrobin	44 - 2758	ND	Methomyl	42 - 2762	ND
Bifenazate	42 - 2761	ND	MGK 264 1	179 - 1653	ND
Boscalid	30 - 2806	ND	MGK 264 2	127 - 1148	ND
Carbaryl	39 - 2722	ND	Myclobutanil	39 - 2772	ND
Carbofuran	43 - 2727	ND	Naled	45 - 2751	ND
Chlorantraniliprole	51 - 2794	ND	Oxamyl	42 - 2785	ND
Chlorpyrifos	34 - 2780	ND	Pacllobutrazol	40 - 2706	ND
Clofentezine	274 - 2730	ND	Permethrin	273 - 2771	ND
Diazinon	286 - 2774	ND	Phosmet	40 - 2752	ND
Dichlorvos	274 - 2778	ND	Prophos	283 - 2787	ND
Dimethoate	42 - 2778	ND	Propoxur	41 - 2728	ND
E-Fenpyroximate	273 - 2782	ND	Pyridaben	290 - 2746	ND
Etofenprox	41 - 2771	ND	Spinosad A	32 - 2316	ND
Etoxazole	286 - 2753	ND	Spinosad D	46 - 512	ND
Fenoxycarb	41 - 2786	ND	Spiromesifen	259 - 2800	ND
Fipronil	51 - 2644	ND	Spirotetramat	282 - 2757	ND
Flonicamid	37 - 2753	ND	Spiroxamine 1	12 - 1200	ND
Fludioxonil	299 - 2808	ND	Spiroxamine 2	22 - 1590	ND
Hexythiazox	39 - 2789	ND	Tebuconazole	285 - 2757	ND
Imazalil	260 - 2854	ND	Thiacloprid	40 - 2752	ND
Imidacloprid	40 - 2738	ND	Thiamethoxam	39 - 2797	ND
Kresoxim-methyl	48 - 2795	ND	Trifloxystrobin	42 - 2747	ND

## Final Approval



Sam Smith  
11Mar2022  
12:31:00 PM MST

PREPARED BY / DATE



Karen Winternheimer  
11Mar2022  
12:39:00 PM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/fd7714f5-cd4b-404c-84d1-9a77cb09ca0f>

### 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 Body Butter 500mg Batch 013

Batch ID or Lot Number: <b>NED-BB-013</b>	Test: <b>Microbial Contaminants</b>	Reported: <b>14Mar2022</b>	USDA License: NA
Matrix: Finished Product	Test ID: T000197159	Started: 09Mar2022	Sampler ID: NA
	Method(s): TM25 (qPCR) TM24, TM26, TM27, TM28 (Culture Plating)	Received: 09Mar2022	Status: NA

## Microbial Contaminants


Contaminants	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 <sup>0</sup> CFU/g	NA	Absent	Free from visual mold, mildew, and foreign matter None Detected None Detected
<i>Salmonella</i>	TM25: PCR	10 <sup>0</sup> CFU/g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10 <sup>2</sup> CFU/g	1.0x10 <sup>3</sup> - 1.5x10 <sup>5</sup>	None Detected	
Total Coliforms*	TM27: Culture Plating	10 <sup>1</sup> CFU/g	1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup>	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/ef74e0e7-6896-4d53-affb-1626a3bb8d58>

### 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: 10<sup>2</sup> = 100 CFU, 10<sup>3</sup> = 1,000 CFU, 10<sup>4</sup> = 10,000 CFU, 10<sup>5</sup> = 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**

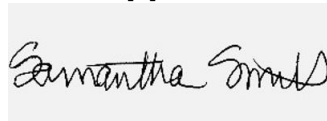
5345 Arapahoe Ave STE 4  
BOULDER, CO USA 80303

## NED Body Butter 500mg Batch 013

Batch ID or Lot Number: <b>NED-BB-013</b>	Test: <b>Heavy Metals</b>	Reported: <b>15Mar2022</b>	USDA License: NA
Matrix: Unit	Test ID: T000197160	Started: 14Mar2022	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 09Mar2022	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/9b5db890-0843-4b39-bf51-4c7841fcd7d1>

### 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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