

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

5345 Arapahoe Ave STE 4  
BOULDER, CO USA 80303

## NED Special Sauce Hemp Extract Run 874

Batch ID or Lot Number: <b>NED-HE-SS-R874</b>	Test: <b>Potency</b>	Reported: <b>17Feb2022</b>	USDA License: N/A
Matrix: Concentrate	Test ID: T000192748	Started: 16Feb2022	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 15Feb2022	Status: N/A

### Cannabinoids

	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.043	0.149	2.890	28.90	
Cannabichromenic Acid (CBCA)	0.040	0.136	ND	ND	
Cannabidiol (CBD)	0.112	0.436	68.770	687.70	
Cannabidiolic Acid (CBDA)	0.115	0.447	ND	ND	
Cannabidivarin (CBDV)	0.026	0.103	0.310	3.10	
Cannabidivarinic Acid (CBDVA)	0.048	0.187	ND	ND	
Cannabigerol (CBG)	0.025	0.085	5.480	54.80	
Cannabigerolic Acid (CBGA)	0.103	0.354	ND	ND	
Cannabinol (CBN)	0.032	0.110	0.130	1.30	
Cannabinolic Acid (CBNA)	0.070	0.241	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.122	0.422	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.111	0.383	2.920	29.20	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.098	0.339	ND	ND	
Tetrahydrocannabivarin (THCV)	0.022	0.077	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.087	0.299	ND	ND	
<b>Total Cannabinoids</b>			<b>80.500</b>	<b>805.00</b>	
Total Potential THC**			2.920	29.20	
Total Potential CBD**			68.770	687.70	

### Final Approval



Karen Winternheimer  
17Feb2022  
01:16:00 PM MST

PREPARED BY / DATE



Ryan Weems  
17Feb2022  
01:18:00 PM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/7b6ce4ec-0a26-4842-b93d-5ffb7f3d1a7>

**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 Special Sauce Hemp Extract Run 874

Batch ID or Lot Number: <b>NED-HE-SS-R874</b>	Test: <b>Trace THC</b>	Reported: <b>01Mar2022</b>	USDA License: NA
Matrix: Concentrate	Test ID: T000192749	Started: 21Feb2022	Sampler ID: NA
	Method(s): TM20 (HPLC-DAD)	Received: 15Feb2022	Status: NA

Cannabinoids	Dynamic Range (%)	Result (%)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.001 - 0.651	ALOQ	18.68	N/A
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.001 - 1.302	ND	0.00	N/A
<b>Total Potential THC*</b>	-	<b>ALOQ</b>	<b>18.68</b>	

## Final Approval



Daniel Weidensaul  
22Feb2022  
01:06:00 PM MST

PREPARED BY / DATE



Ryan Weems  
22Feb2022  
01:09:00 PM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/c9a97220-b515-46ec-8f28-cb40e879d889>

**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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**NED & CO. LLC**

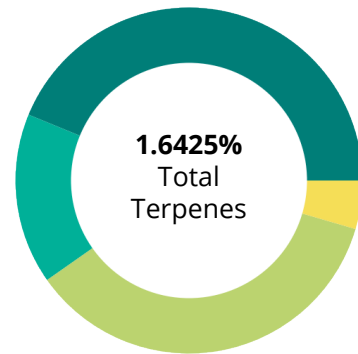
5345 Arapahoe Ave STE 4  
BOULDER, CO USA 80303

## NED Special Sauce Hemp Extract Run 874

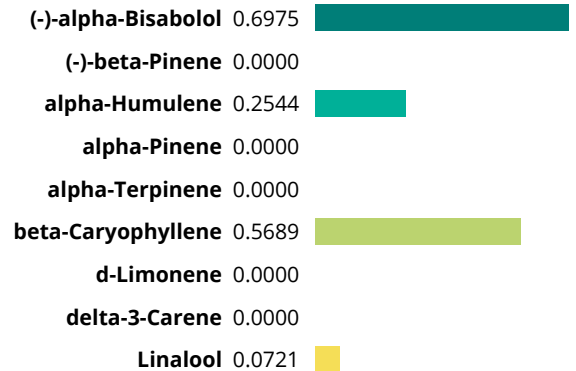
Batch ID or Lot Number: <b>NED-HE-SS-R874</b>	Test: <b>Terpenes</b>	Reported: <b>22Feb2022</b>	USDA License: NA
Matrix: Concentrate	Test ID: T000192750	Started: 21Feb2022	Sampler ID: NA
	Method(s): TM22 (GC-MS)	Received: 15Feb2022	Status: NA

### Terpenes

Terpenes	%(w/w)	(mg/g)
(-)-alpha-Bisabolol	0.6975	6.975
(-)-beta-Pinene	0.0000	0.0000
(-)-Caryophyllene Oxide	0.0000	0.0000
(-)-Isopulegol	0.0000	0.0000
alpha-Humulene	0.2544	2.544
alpha-Pinene	0.0000	0.0000
alpha-Terpinene	0.0000	0.0000
beta-Caryophyllene	0.5689	5.689
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	0.0721	0.721
Ocimene	0.0000	0.0000
p-Cymene	0.0000	0.0000
Terpinolene	0.0000	0.0000
trans-Nerolidol	0.0496	0.496
<b>1.6425</b>	<b>16.4250</b>	



### PREDOMINANT TERPENES



### Notes

## Final Approval



Daniel Weidensaul  
22Feb2022  
12:47:00 PM MST

PREPARED BY / DATE



Ryan Weems  
22Feb2022  
12:49:00 PM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/1ed9a30e-628c-4b92-a6f3-bbc746f9f3e0>

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**NED & CO. LLC**

5345 Arapahoe Ave STE 4  
BOULDER, CO USA 80303

## NED Special Sauce Hemp Extract Run 874

Batch ID or Lot Number: <b>NED-HE-SS-R874</b>	Test: <b>Residual Solvents</b>	Reported: <b>17Feb2022</b>	USDA License: N/A
Matrix: Concentrate	Test ID: T000192754	Started: 16Feb2022	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 15Feb2022	Status: N/A

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	90 - 1807	ND	
Butanes (Isobutane, n-Butane)	184 - 3683	ND	
Methanol	63 - 1255	ND	
Pentane	96 - 1923	ND	
Ethanol	99 - 1973	>1973	
Acetone	102 - 2047	ND	
Isopropyl Alcohol	107 - 2140	ND	
Hexane	6 - 125	ND	
Ethyl Acetate	106 - 2118	966	
Benzene	0.2 - 4.3	ND	
Heptanes	100 - 1999	ND	
Toluene	18 - 368	ND	
Xylenes (m,p,o-Xylenes)	129 - 2579	ND	

## Final Approval



Hannah Wright  
17Feb2022  
06:08:00 PM MST

PREPARED BY / DATE



Ryan Weems  
17Feb2022  
06:10:00 PM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/6ca9090d-2aab-4381-b64a-dd47114ae475>

### 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 Special Sauce Hemp Extract Run 874

Batch ID or Lot Number: <b>NED-HE-SS-R874</b>	Test: <b>Pesticides</b>	Reported: <b>17Feb2022</b>	USDA License: NA
Matrix: Concentrate	Test ID: T000192751	Started: 16Feb2022	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 15Feb2022	Status: NA

Pesticides	Dynamic Range (ppb)	Result (ppb)	Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	314 - 2696	ND	Malathion	292 - 2740	ND
Acephate	43 - 2787	ND	Metalaxyl	43 - 2753	ND
Acetamiprid	40 - 2768	ND	Methiocarb	43 - 2731	ND
Azoxystrobin	43 - 2742	ND	Methomyl	40 - 2785	ND
Bifenazate	43 - 2730	ND	MGK 264 1	161 - 1620	ND
Boscalid	38 - 2744	ND	MGK 264 2	115 - 1133	ND
Carbaryl	40 - 2740	ND	Myclobutanil	39 - 2742	ND
Carbofuran	42 - 2724	ND	Naled	48 - 2760	ND
Chlorantraniliprole	49 - 2714	ND	Oxamyl	42 - 2778	ND
Chlorpyrifos	46 - 2760	ND	Pacllobutrazol	43 - 2734	ND
Clofentezine	285 - 2753	ND	Permethrin	306 - 2744	ND
Diazinon	290 - 2772	ND	Phosmet	41 - 2744	ND
Dichlorvos	281 - 2756	ND	Prophos	298 - 2750	ND
Dimethoate	41 - 2744	ND	Propoxur	42 - 2732	ND
E-Fenpyroximate	288 - 2736	ND	Pyridaben	292 - 2774	ND
Etofenprox	42 - 2753	ND	Spinosad A	31 - 2244	ND
Etoxazole	295 - 2737	ND	Spinosad D	46 - 498	ND
Fenoxycarb	45 - 2756	ND	Spiromesifen	276 - 2767	ND
Fipronil	40 - 2762	ND	Spirotetramat	291 - 2749	ND
Flonicamid	44 - 2790	ND	Spiroxamine 1	17 - 1170	ND
Fludioxonil	314 - 2735	ND	Spiroxamine 2	23 - 1542	ND
Hexythiazox	44 - 2754	ND	Tebuconazole	285 - 2750	ND
Imazalil	267 - 2775	ND	Thiacloprid	42 - 2756	ND
Imidacloprid	42 - 2737	ND	Thiamethoxam	43 - 2801	ND
Kresoxim-methyl	44 - 2759	ND	Trifloxystrobin	42 - 2753	ND

## Final Approval

  
 Sam Smith  
 17Feb2022  
 02:00:00 PM MST

PREPARED BY / DATE

  
 Daniel Weidensaul  
 17Feb2022  
 02:11:00 PM MST

APPROVED BY / DATE



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### 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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5345 Arapahoe Ave STE 4  
BOULDER, CO USA 80303

## NED Special Sauce Hemp Extract Run 874

Batch ID or Lot Number: <b>NED-HE-SS-R874</b>	Test: <b>Microbial Contaminants</b>	Reported: <b>21Feb2022</b>	USDA License: NA
Matrix: Concentrate	Test ID: T000192752	Started: 15Feb2022	Sampler ID: NA
	Method(s): TM25 (qPCR) TM24, TM26, TM27, TM28 (Culture Plating)	Received: 15Feb2022	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



Brett Hudson  
18Feb2022  
01:10:00 PM MST

PREPARED BY / DATE



Sarah Henning  
19Feb2022  
10:18:00 PM MST

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/0e47d227-273a-4bee-bc01-64494cef4a4b>

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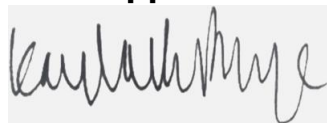
Prepared for:  
**NED & CO. LLC**

 5345 Arapahoe Ave STE 4  
 BOULDER, CO USA 80303

**NED Special Sauce Hemp Extract Run 874**

Batch ID or Lot Number: <b>NED-HE-SS-R874</b>	Test: <b>Heavy Metals</b>	Reported: <b>21Feb2022</b>	USDA License: NA
Matrix: Concentrate	Test ID: T000192753	Started: 18Feb2022	Sampler ID: NA
	Method(s): TM19 (ICP-MS): Heavy Metals	Received: 15Feb2022	Status: NA

Heavy Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.23	ND	
Cadmium	0.04 - 4.29	ND	
Mercury	0.05 - 4.58	ND	
Lead	0.05 - 4.55	0.09	

**Final Approval**


 Kayla Phye  
 22Feb2022  
 05:22:00 PM MST

PREPARED BY / DATE



 Ryan Weems  
 22Feb2022  
 05:36:00 PM MST

APPROVED BY / DATE


<https://results.botanacor.com/api/v1/coas/uuid/7c0cd842-f8de-46ff-ad2b-0338440e70a2>
**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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