

Prepared for:  
**COWGIRL SOSS LLC**  
600 S Holly St  
Denver, CO. 80246


## CBD Isolate

Batch ID or Lot Number: <b>0100168</b>	Test: <b>Potency</b>	Reported: <b>22Mar2024</b>	USDA License: N/A
Matrix: Concentrate	Test ID: T000274844	Started: 21Mar2024	Sampler ID: N/A
	Method(s): TM14 (HPLC-DAD)	Received: 20Mar2024	Status: N/A

## Cannabinoids

	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.051	0.160	ND	ND	
Cannabichromenic Acid (CBCA)	0.047	0.146	ND	ND	
Cannabidiol (CBD)	0.155	0.449	98.760	987.60	
Cannabidiolic Acid (CBDA)	0.159	0.460	ND	ND	
Cannabidivarin (CBDV)	0.037	0.106	0.200	2.00	
Cannabidivarinic Acid (CBDVA)	0.067	0.192	ND	ND	
Cannabigerol (CBG)	0.029	0.091	ND	ND	
Cannabigerolic Acid (CBGA)	0.122	0.379	ND	ND	
Cannabinol (CBN)	0.038	0.118	ND	ND	
Cannabinolic Acid (CBNA)	0.083	0.258	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.145	0.451	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.132	0.410	ND	ND	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.117	0.363	ND	ND	
Tetrahydrocannabivarin (THCV)	0.027	0.082	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.103	0.320	ND	ND	
<b>Total Cannabinoids</b>			<b>98.960</b>	<b>989.60</b>	
Total Potential THC			ND	ND	
Total Potential CBD			98.760	987.60	

## Final Approval



Karen Winternheimer  
22Mar2024  
02:37:00 PM MDT

PREPARED BY / DATE



Phillip Travisano  
22Mar2024  
02:38:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/9caeeae41-f541-4ec0-994f-bfc69cc2e9df>

### 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 SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., 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 SC Laboratories, Inc. ISO/IEC 17025:2017 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological.



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Prepared for:  
**COWGIRL SOSS LLC**  
600 S Holly St  
Denver, CO. 80246

## CBD Isolate

Batch ID or Lot Number: <b>0100168</b>	Test: <b>Residual Solvents</b>	Reported: <b>25Mar2024</b>	USDA License: N/A
Matrix: Concentrate	Test ID: T000274848	Started: 25Mar2024	Sampler ID: N/A
	Method(s): TM04 (GC-MS): Residual Solvents	Received: 20Mar2024	Status: Active

Residual Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	107 - 2148	ND	
Butanes (Isobutane, n-Butane)	187 - 3748	ND	
Methanol	67 - 1349	ND	
Pentane	87 - 1749	289	
Ethanol	99 - 1982	ND	
Acetone	107 - 2135	ND	
Isopropyl Alcohol	111 - 2215	ND	
Hexane	7 - 131	ND	
Ethyl Acetate	108 - 2163	ND	
Benzene	0.2 - 4.4	ND	
Heptanes	100 - 1991	ND	
Toluene	19 - 389	ND	
Xylenes (m,p,o-Xylenes)	138 - 2762	ND	

## Final Approval



Karen Winternheimer  
25Mar2024  
05:31:00 PM MDT

PREPARED BY / DATE



Phillip Travisano  
25Mar2024  
05:32:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/deb1f8c5-03a7-4276-99a3-c0de13f683dc>

### 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:  
**COWGIRL SOSS LLC**  
600 S Holly St  
Denver, CO. 80246

## CBD Isolate

Batch ID or Lot Number: <b>0100168</b>	Test: <b>Heavy Metals</b>	Reported: <b>27Mar2024</b>	USDA License: NA
Matrix: Concentrate	Test ID: T000274847	Started: 25Mar2024	Sampler ID: NA
	Method(s): TM19 (ICP-MS); Heavy Metals	Received: 20Mar2024	Status: NA

## Heavy Metals

	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.45	ND	
Cadmium	0.05 - 4.52	ND	
Mercury	0.05 - 4.53	ND	
Lead	0.05 - 4.52	ND	

## Final Approval



Phillip Travisano  
27Mar2024  
07:37:00 AM MDT

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Karen Winternheimer  
27Mar2024  
07:39:00 AM MDT

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

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Prepared for:  
**COWGIRL SOSS LLC**  
600 S Holly St  
Denver, CO. 80246

## CBD Isolate

Batch ID or Lot Number: <b>0100168</b>	Test: <b>Pesticides</b>	Reported: <b>29Mar2024</b>	USDA License: NA
Matrix: Concentrate	Test ID: T000274845	Started: 27Mar2024	Sampler ID: NA
	Method(s): TM17 (LC-QQ LC MS/MS)	Received: 20Mar2024	Status: NA

Pesticides	Dynamic Range (ppb)	Result (ppb)	Pesticides	Dynamic Range (ppb)	Result (ppb)
Abamectin	353 - 2766	ND	Malathion	287 - 2690	ND
Acephate	40 - 2715	ND	Metalaxyl	45 - 2665	ND
Acetamiprid	42 - 2686	ND	Methiocarb	41 - 2782	ND
Azoxystrobin	43 - 2696	ND	Methomyl	41 - 2736	ND
Bifenazate	40 - 2677	ND	MGK 264 1	157 - 1604	ND
Boscalid	50 - 2724	ND	MGK 264 2	104 - 1096	ND
Carbaryl	40 - 2687	ND	Myclobutanil	39 - 2780	ND
Carbofuran	42 - 2683	ND	Naled	44 - 2666	ND
Chlorantraniliprole	46 - 2776	ND	Oxamyl	40 - 2750	ND
Chlorpyrifos	44 - 2738	ND	Pacllobutrazol	39 - 2687	ND
Clofentezine	281 - 2731	ND	Permethrin	266 - 2762	ND
Diazinon	281 - 2691	ND	Phosmet	41 - 2559	ND
Dichlorvos	270 - 2733	ND	Prophos	288 - 2753	ND
Dimethoate	42 - 2686	ND	Propoxur	43 - 2696	ND
E-Fenproximate	261 - 2758	ND	Pyridaben	281 - 2768	ND
Etofenprox	43 - 2727	ND	Spinosad A	34 - 2079	ND
Etoxazole	277 - 2656	ND	Spinosad D	65 - 655	ND
Fenoxycarb	44 - 2705	ND	Spiromesifen	269 - 2727	ND
Fipronil	41 - 2620	ND	Spirotetramat	282 - 2740	ND
Flonicamid	40 - 2793	ND	Spiroxamine 1	15 - 1057	ND
Fludioxonil	255 - 2762	ND	Spiroxamine 2	23 - 1635	ND
Hexythiazox	41 - 2755	ND	Tebuconazole	284 - 2722	ND
Imazalil	282 - 2730	ND	Thiacloprid	41 - 2704	ND
Imidacloprid	48 - 2778	ND	Thiamethoxam	40 - 2730	ND
Kresoxim-methyl	42 - 2735	ND	Trifloxystrobin	42 - 2699	ND

## Final Approval



Karen Winternheimer  
29Mar2024  
01:11:00 PM MDT

PREPARED BY / DATE



Phillip Travisano  
29Mar2024  
01:13:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/6c1c3867-5797-4158-a4ab-269eca033306>

### 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:  
**COWGIRL SOSS LLC**  
600 S Holly St  
Denver, CO. 80246

## CBD Isolate

Batch ID or Lot Number: <b>0100168</b>	Test: <b>Microbial Contaminants</b>	Reported: <b>28Mar2024</b>	USDA License: NA
Matrix: Concentrate	Test ID: T000274846	Started: 20Mar2024	Sampler ID: NA
	Method(s): TM25 (PCR) TM24, TM26, TM27 (Culture Plating)	Received: 20Mar2024	Status: NA

## Microbial

### Contaminants

Contaminants	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 <sup>0</sup> CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
<i>Salmonella</i>	TM25: PCR	10 <sup>0</sup> CFU/25g	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  
25Mar2024  
03:23:00 PM MDT

PREPARED BY / DATE



Brianne Maillot  
25Mar2024  
05:00:00 PM MDT

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<https://results.botanacor.com/api/v1/coas/uuid/cd346bc7-6e95-442a-b5df-e042b263f7ec>

### 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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