

Prepared for:  
**OZ Botanical**  
 455 Weaver Park Rd #200  
 Longmont, CO USA 80501

## Vision

Batch ID or Lot Number: <b>B0006</b>	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 1 of 5
Reported: <b>28Jul2022</b>	Started: 28Jul2022	Received: 26Jul2022	

## Density Analysis

Test ID: T000215433		
Methods: TL-SOP-0034 (Gravimetric)	<b>Result</b>	<b>Notes</b>
Density	0.930 g/ml	Free from visual mold, mildew, and foreign matter N/A

## Final Approval

 Kayla Phye 28Jul2022 08:31:00 AM MDT PREPARED BY / DATE	 Sam Smith 28Jul2022 01:17:00 PM MDT APPROVED BY / DATE
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## Cannabinoids - Colorado

### Compliance

Test ID: T000215428					
Methods: TM14 (HPLC-DAD): Potency – Standard					
Cannabinoid Analysis	<b>LOD (mg/mL)</b>	<b>LOQ (mg/mL)</b>	<b>Result (mg/mL)</b>	<b>Result (mg/g)</b>	<b>Notes</b>
Cannabichromene (CBC)	0.080	0.217	1.011	1.09	Density = 0.930322g/mL
Cannabichromenic Acid (CBCA)	0.073	0.199	ND	ND	
Cannabidiol (CBD)	0.226	0.554	24.520	26.36	
Cannabidiolic Acid (CBDA)	0.232	0.569	ND	ND	
Cannabidivarin (CBDV)	0.054	0.131	<LOQ	0.14	
Cannabidivarinic Acid (CBDVA)	0.097	0.237	ND	ND	
Cannabigerol (CBG)	0.046	0.123	0.387	0.42	
Cannabigerolic Acid (CBGA)	0.190	0.516	ND	ND	
Cannabinol (CBN)	0.059	0.161	<LOQ	0.11	
Cannabinolic Acid (CBNA)	0.130	0.352	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.227	0.615	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.206	0.559	0.578	0.62	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.182	0.495	ND	ND	
Tetrahydrocannabivarin (THCV)	0.041	0.112	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.161	0.436	ND	ND	
<b>Total Cannabinoids</b>			<b>26.724</b>	<b>28.73</b>	
Total Potential THC			0.578	0.62	
Total Potential CBD			24.520	26.36	

## Final Approval

 Jacob Miller 29Jul2022 01:11:00 PM MDT PREPARED BY / DATE	 Sam Smith 29Jul2022 01:19:00 PM MDT APPROVED BY / DATE
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**Residual Solvents -  
Colorado Compliance**

Test ID: T000215432

Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	85 - 1708	ND	
Butanes (Isobutane, n-Butane)	176 - 3516	ND	
Methanol	62 - 1240	ND	
Pentane	95 - 1903	ND	
Ethanol	96 - 1912	ND	
Acetone	103 - 2055	ND	
Isopropyl Alcohol	101 - 2016	ND	
Hexane	6 - 119	ND	
Ethyl Acetate	95 - 1900	ND	
Benzene	0.2 - 4.0	ND	
Heptanes	101 - 2013	ND	
Toluene	18 - 364	ND	
Xylenes (m,p,o-Xylenes)	135 - 2705	ND	

**Final Approval**  
PREPARED BY / DATE  
Jacob Miller  
29Jul2022  
12:34:00 PM MDT  
APPROVED BY / DATE  
Sam Smith  
29Jul2022  
12:36:00 PM MDT

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**Microbial Contaminants - Colorado Compliance**

Test ID: T000215430  
 Methods: TM25 (qPCR) TM24, TM26, TM27 (Culture Plating): Microbial (Colorado Panel)

	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**

 Brianne Maillot  
 30Jul2022  
 02:54:00 PM MDT



Brett Hudson  
 31Jul2022  
 10:59:00 AM MDT

PREPARED BY / DATE

APPROVED BY / DATE

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## Pesticides


Test ID: T000215429

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		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		Paclobutrazol	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

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## Heavy Metals - Colorado Compliance

Test ID: T000215431


Methods: TM19 (ICP-MS): 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/7ac6d5b3-76a8-4cf5-9075-11b36338b11a>

**Definitions**  
LOD = Limit of Detection, ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation, PPB = Parts per Billion, % = % (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)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or - the measurement uncertainty. 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)). ALOQ = Above Limit Of Quantitation (defined by dynamic range of the method), CFU/g = Colony Forming Units per Gram. 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.

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. Some tests listed on this COA may not be within our scope of A2LA accreditation. Please visit [A2LA for more details](#).



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