

# CERTIFICATE OF ANALYSIS

**PRODUCT NAME:** CBD:THC Gummies (Blackberry Lime)  
**PRODUCT STRENGTH:** 10mg CBD + 10mg THC / gummy  
**BATCH:** 4004, 240201B  
**BEST BY DATE:** 1/4/2026  
**HEMP EXTRACT LOT:** 4004

### Physical Attributes


Test	Method	Specification	Results
Color	Internal	Purple	PASS
Odor	Internal	Sweet	PASS
Appearance	Internal	Sugar Coated	PASS
Primary Package Eval.	Internal	Container clean and free of filth. Container caps tight and seals intact	PASS
Secondary Package Eval.	Internal	Labeling Compliance Checked, Sufficient cushion material exists. Box taped and secure.	PASS

### Review of Third-Party Analysis

Panel	Method	Specification	Results*	Pass/Fail
<b>Potency - Total CBD</b>	HPLC-UV DAD	*NLT 10 mg / gummy	<b>11mg</b>	PASS
<b>Potency - D9-THC</b>	HPLC-UV DAD	LOQ: 0.28% (full spectrum) mg/serving	<b>11mg</b>	PASS
<b>Expanded Pesticide Panel</b>	HPLC-QQQ	LOQ: Complies with CDPHE 6 CCR 1010-21 Industrial Hemp Extract	<b>Below LOQ</b>	PASS
<b>Microbial</b> Escherichia coli (STEC)	PCR	Complies with CDPHE 6 CCR 1010-21 - LOQ 1 CFU/25 gram	<b>Absent</b>	PASS
<b>Microbial</b> Salmonella	PCR	Complies with CDPHE 6 CCR 1010-21 - LOQ 1 CFU/25 gram	<b>Absent</b>	PASS
<b>Microbial</b> Yeast and Mold	Culture Plating	Complies with CDPHE 6 CCR 1010-21 - LOQ 10 <sup>2</sup> CFU/gram	<b>Below LOQ</b>	PASS
<b>Microbial</b> Total Coliforms*	Culture Plating	Complies with CDPHE 6 CCR 1010-21 - LOQ 10 <sup>2</sup> CFU/gram	<b>Below LOQ</b>	PASS
<b>Microbial</b> Total Aerobic Count*	Culture Plating	Complies with CDPHE 6 CCR 1010-21 - LOQ 10 <sup>3</sup> CFU/gram	<b>Below LOQ</b>	PASS
<b>Heavy Metals Panel</b>	ICP-MS	Arsenic (As): ≤1.5 ppm Cadmium (Cd): ≤0.5 ppm Lead (Pb): ≤0.5 ppm Mercury (Hg): ≤1.5 ppm	<b>Below LOQ</b>	PASS
<b>Mycotoxins</b>	ICP-MS	Total Aflatoxins <20 ppb† Afltoxin B1 < 5 ppb Ochratoxin < 5ppb	<b>Below LOQ</b>	PASS
<b>Residual Solvents</b>	GC-HS-MSD	LOQ: Complies with CDPHE 6 CCR 1010-21 Industrial Hemp Extract	<b>Below LOQ</b>	PASS

\* \*Level of Quantitation, † Parts Per Million ‡ Part Per Billion  
 CFU/g=Colony Forming Units per Gram  
 \* Nothing Less Than Manufacture\*  
 10<sup>2</sup>=100 CFU  
 10<sup>3</sup>=1,000 CFU

Quality Certified

  
 Name \_\_\_\_\_

2/7/2024

Date

## Blackberry Lime CBD:THC Gummy


Batch ID or Lot Number: <b>240201B</b>	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 3 of 5
Reported: <b>10Jan2024</b>	Started: 09Jan2024	Received: 05Jan2024	


## Heavy Metals - Colorado Compliance

Test ID: T000266790  
Methods: TM19 (ICP-MS): Heavy Metals

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.05 - 4.55	ND	
Cadmium	0.04 - 4.47	ND	
Mercury	0.05 - 4.61	ND	
Lead	0.04 - 4.14	0.12	

### Final Approval

  
Sam Smith  
10Jan2024  
02:12:00 PM MST  
PREPARED BY / DATE


  
Karen Winternheimer  
10Jan2024  
02:21:00 PM MST  
APPROVED BY / DATE


## Cannabinoids - Colorado Compliance

Test ID: T000266787  
Methods: TM14 (HPLC-DAD): Potency - Standard

Cannabinoid Analysis	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.008	0.022	ND	ND	
Cannabichromenic Acid (CBCA)	0.007	0.020	ND	ND	
Cannabidiol (CBD)	0.020	0.056	0.280	2.80	
Cannabidiolic Acid (CBDA)	0.021	0.058	ND	ND	
Cannabidivarin (CBDV)	0.005	0.013	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.009	0.024	ND	ND	
Cannabigerol (CBG)	0.005	0.012	<LOQ	<LOQ	
Cannabigerolic Acid (CBGA)	0.019	0.052	ND	ND	
Cannabinol (CBN)	0.006	0.016	<LOQ	<LOQ	
Cannabinolic Acid (CBNA)	0.013	0.035	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.022	0.061	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.020	0.056	0.281	2.81	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.018	0.049	ND	ND	
Tetrahydrocannabivarin (THCV)	0.004	0.011	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.016	0.044	ND	ND	
<b>Total Cannabinoids</b>			<b>0.561</b>	<b>5.61</b>	
Total Potential THC			0.281	2.81	
Total Potential CBD			0.280	2.80	

### Final Approval

  
Karen Winternheimer  
11Jan2024  
01:06:00 PM MST  
PREPARED BY / DATE

  
Sam Smith  
11Jan2024  
01:08:00 PM MST  
APPROVED BY / DATE

## Blackberry Lime CBD:THC Gummy

Batch ID or Lot Number: <b>240201B</b>	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 1 of 5
Reported: <b>10Jan2024</b>	Started: 09Jan2024	Received: 05Jan2024	

### Pesticides


Test ID: T000266788


Methods: TM17

(LC-QQ LC MS/MS)

	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)
Abamectin	329 - 2655	ND	Malathion	275 - 2667	ND
Acephate	41 - 2715	ND	Metalaxyl	44 - 2676	ND
Acetamiprid	43 - 2673	ND	Methiocarb	48 - 2648	ND
Azoxystrobin	43 - 2697	ND	Methomyl	47 - 2702	ND
Bifenazate	43 - 2691	ND	MGK 264 1	163 - 1625	ND
Boscalid	45 - 2600	ND	MGK 264 2	105 - 1081	ND
Carbaryl	40 - 2722	ND	Myclobutanil	34 - 2630	ND
Carbofuran	41 - 2697	ND	Naled	44 - 2671	ND
Chlorantraniliprole	49 - 2615	ND	Oxamyl	43 - 2703	ND
Chlorpyrifos	48 - 2702	ND	Paclobutrazol	39 - 2711	ND
Clofentezine	265 - 2734	ND	Permethrin	274 - 2694	ND
Diazinon	274 - 2680	ND	Phosmet	40 - 2557	ND
Dichlorvos	295 - 2706	ND	Prophos	291 - 2654	ND
Dimethoate	46 - 2650	ND	Propoxur	40 - 2710	ND
E-Fenpyroximate	248 - 2807	ND	Pyridaben	274 - 2673	ND
Etofenprox	43 - 2636	ND	Spinosad A	28 - 2077	ND
Etoxazole	285 - 2599	ND	Spinosad D	59 - 652	ND
Fenoxycarb	41 - 2691	ND	Spiromesifen	261 - 2652	ND
Fipronil	53 - 2694	ND	Spirotetramat	268 - 2724	ND
Flonicamid	54 - 2701	ND	Spiroxamine 1	16 - 997	ND
Fludioxonil	294 - 2617	ND	Spiroxamine 2	27 - 1556	ND
Hexythiazox	41 - 2702	ND	Tebuconazole	286 - 2677	ND
Imazalil	270 - 2704	ND	Thiacloprid	43 - 2685	ND
Imidacloprid	50 - 2717	ND	Thiamethoxam	42 - 2715	ND
Kresoxim-methyl	43 - 2673	ND	Trifloxystrobin	42 - 2714	ND

### Final Approval

 Karen Winternheimer  
10Jan2024  
01:03:00 PM MST  
PREPARED BY / DATE

 Sam Smith  
10Jan2024  
01:06:00 PM MST  
APPROVED BY / DATE

## Blackberry Lime CBD:THC Gummy

Batch ID or Lot Number: <b>240201B</b>	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 2 of 5
Reported: <b>10Jan2024</b>	Started: 09Jan2024	Received: 05Jan2024	


### Residual Solvents - Colorado Compliance

Test ID: T000266791


Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	85 - 1692	ND	
Butanes (Isobutane, n-Butane)	196 - 3912	ND	
Methanol	67 - 1336	ND	
Pentane	96 - 1927	ND	
Ethanol	96 - 1922	661	
Acetone	109 - 2184	ND	
Isopropyl Alcohol	111 - 2217	ND	
Hexane	7 - 133	ND	
Ethyl Acetate	112 - 2232	ND	
Benzene	0.2 - 4.4	ND	
Heptanes	110 - 2196	ND	
Toluene	20 - 406	ND	
Xylenes (m,p,o-Xylenes)	144 - 2883	ND	

### Final Approval

 Karen Winternheimer  
10Jan2024  
09:06:00 AM MST

PREPARED BY / DATE

 Sam Smith  
10Jan2024  
09:10:00 AM MST

APPROVED BY / DATE

## Blackberry Lime CBD:THC Gummy


Batch ID or Lot Number: <b>240201B</b>	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 4 of 5
Reported: <b>10Jan2024</b>	Started: 09Jan2024	Received: 05Jan2024	

### Microbial Contaminants - Colorado Compliance

Test ID: T000266789  
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



	Brett Hudson 11Jan2024 10:42:00 AM MST		Brianne Maillot 11Jan2024 11:32:00 AM MST
PREPARED BY / DATE		APPROVED BY / DATE	

### Mycotoxins - Colorado Compliance

Test ID: T000266792  
Methods: TM18 (UHPLC-QQQ)  
LCMS/MS: Mycotoxins

	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	1.80 - 115.61	ND	N/A
Aflatoxin B1	0.90 - 30.69	ND	
Aflatoxin B2	0.93 - 30.48	ND	
Aflatoxin G1	0.90 - 30.78	ND	
Aflatoxin G2	0.96 - 30.99	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

#### Final Approval

	Karen Winternheimer 12Jan2024 09:21:00 AM MST		Sam Smith 12Jan2024 09:23:00 AM MST
PREPARED BY / DATE		APPROVED BY / DATE	