

CERTIFICATE OF ANALYSIS

PRODUCT NAME: CBD:THC Gummies
PRODUCT STRENGTH: 25mg CBD + 5mg THC / gummy
BATCH: 230202B, 230601A & 230712A
BEST BY DATE: 1/17/2025
HEMP EXTRACT LOT: JY9216441

Physical Attributes

Test	Method	Specification	Results
Color	Internal	Red	PASS
Odor	Internal	Sweet Cherry	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
Potency - Total CBD	HPLC-UV DAD	*NLT 25 mg / gummy	33mg	PASS
Potency - D9-THC	HPLC-UV DAD	LOQ: <0.03% (full spectrum)	5.4mg	PASS
Expanded Pesticide Panel	HPLC-QQQ	LOQ: Complies with CDPHE 6 CCR 1010-21 Industrial Hemp Extract	Below LOQ	PASS
Microbial Escherichia coli (STEC)	PCR	Complies with CDPHE 6 CCR 1010-21 - LOQ 1 CFU/25 gram	Absent	PASS
Microbial Salmonella	PCR	Complies with CDPHE 6 CCR 1010-21 - LOQ 1 CFU/25 gram	Absent	PASS
Microbial Yeast and Mold	Culture Plating	Complies with CDPHE 6 CCR 1010-21 - LOQ 10 ² CFU/gram	Below LOQ	PASS
Microbial Total Coliforms*	Culture Plating	Complies with CDPHE 6 CCR 1010-21 - LOQ 10 ² CFU/gram	Below LOQ	PASS
Microbial Total Aerobic Count*	Culture Plating	Complies with CDPHE 6 CCR 1010-21 - LOQ 10 ³ CFU/gram	Below LOQ	PASS
Heavy Metals Panel	ICP-MS	Arsenic (As): ≤1.5 ppm Cadmium (Cd): ≤0.5 ppm Lead (Pb): ≤0.5 ppm Mercury (Hg): ≤1.5 ppm	Below LOQ	PASS
Mycotoxins	ICP-MS	Total Aflatoxins <20 ppb† Aflatoxin B1 < 5 ppb Ochratoxin < 5ppb	Below LOQ	PASS
Residual Solvents	GC-HS-MSD	LOQ: Complies with CDPHE 6 CCR 1010-21 Industrial Hemp Extract	Below LOQ	PASS

* *Level of Quantitation, † Parts Per Million ‡ Part Per Billion
 CFU/g=Colony Forming Units per Gram
 * Nothing Less Than Manufacture*
 10²=100 CFU
 10³=1,000 CFU

Quality Certified



Name

2/2/2023

Date

Cherry Limeade CBD:THC Gummy

Batch ID or Lot Number: 230202B & 230601A	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 3 of 6
Reported: 22Jan2023	Started: 22Jan2023	Received: 19Jan2023	

Cannabinoids - Colorado Compliance


Test ID: T000233285


Methods: TM14 (HPLC-DAD): Potency – Standard

Cannabinoid Analysis

	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.007	0.023	ND	ND	
Cannabichromenic Acid (CBCA)	0.006	0.021	ND	ND	
Cannabidiol (CBD)	0.019	0.063	0.831	8.31	
Cannabidiolic Acid (CBDA)	0.019	0.064	ND	ND	
Cannabidivarin (CBDV)	0.004	0.015	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.008	0.027	ND	ND	
Cannabigerol (CBG)	0.004	0.013	<LOQ	<LOQ	
Cannabigerolic Acid (CBGA)	0.016	0.054	ND	ND	
Cannabinol (CBN)	0.005	0.017	ND	ND	
Cannabinolic Acid (CBNA)	0.011	0.037	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.019	0.064	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.017	0.059	0.137	1.37	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.015	0.052	ND	ND	
Tetrahydrocannabivarin (THCV)	0.003	0.012	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.014	0.046	ND	ND	
Total Cannabinoids			0.968	9.68	
Total Potential THC			0.137	1.37	
Total Potential CBD			0.831	8.31	

Final Approval


 Sam Smith
 25Jan2023
 10:42:00 AM MST
 PREPARED BY / DATE


 Karen Winternheimer
 25Jan2023
 10:46:00 AM MST
 APPROVED BY / DATE

Cherry Limeade CBD:THC Gummy

Batch ID or Lot Number: 230202B & 230601A	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 2 of 6
Reported: 22Jan2023	Started: 22Jan2023	Received: 19Jan2023	

Microbial Contaminants - Colorado Compliance

Test ID: T000233287
Methods: TM25 (qPCR) TM24, TM26, TM27 (Culture Plating): Microbial (Colorado Panel)

	Method	LOD	Quantitation Range	Result	Notes
STEC	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	Free from visual mold, mildew, and foreign matter
Salmonella	TM25: PCR	10 ⁰ CFU/25g	NA	Absent	
Total Yeast and Mold*	TM24: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	
Total Aerobic Count*	TM26: Culture Plating	10 ² CFU/g	1.0x10 ³ - 1.5x10 ⁵	None Detected	
Total Coliforms*	TM27: Culture Plating	10 ¹ CFU/g	1.0x10 ² - 1.5x10 ⁴	None Detected	

Final Approval



Brett Hudson
23Jan2023
04:01:00 PM MST



Eden Thompson-Wright
23Jan2023
04:17:00 PM MST

PREPARED BY / DATE

APPROVED BY / DATE

Heavy Metals - Colorado Compliance

Test ID: T000233288
Methods: TM19 (ICP-MS): Heavy Metals

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.47	ND	
Cadmium	0.04 - 4.50	ND	
Mercury	0.04 - 4.49	ND	
Lead	0.05 - 5.24	ND	

Final Approval



Sam Smith
24Jan2023
11:06:00 AM MST



Karen Winternheimer
24Jan2023
11:13:00 AM MST

PREPARED BY / DATE

APPROVED BY / DATE

Cherry Limeade CBD:THC Gummy

Batch ID or Lot Number: 230202B & 230601A	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 1 of 6
Reported: 22Jan2023	Started: 22Jan2023	Received: 19Jan2023	


Residual Solvents - Colorado Compliance

Test ID: T000233289


Methods: TM04 (GC-MS): Residual

Solvents	Dynamic Range (ppm)	Result (ppm)	Notes
Propane	109 - 2189	ND	
Butanes (Isobutane, n-Butane)	223 - 4458	ND	
Methanol	65 - 1293	ND	
Pentane	112 - 2242	ND	
Ethanol	103 - 2061	>2061	
Acetone	108 - 2170	ND	
Isopropyl Alcohol	105 - 2090	ND	
Hexane	7 - 134	ND	
Ethyl Acetate	109 - 2174	ND	
Benzene	0.2 - 4.7	ND	
Heptanes	111 - 2216	ND	
Toluene	19 - 376	ND	
Xylenes (m,p,o-Xylenes)	130 - 2603	ND	

Final Approval

 Karen Winternheimer
22Jan2023
01:38:00 PM MST

PREPARED BY / DATE

 Sam Smith
22Jan2023
01:39:00 PM MST

APPROVED BY / DATE

Cherry Limeade CBD:THC Gummy


Batch ID or Lot Number: 230202B & 230601A	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 4 of 6
Reported: 22Jan2023	Started: 22Jan2023	Received: 19Jan2023	

Mycotoxins - Colorado Compliance

Test ID: T000233290
Methods: TM18 (UHPLC-QQQ)

LCMS/MS: Mycotoxins	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	3.96 - 132.62	ND	N/A
Aflatoxin B1	0.98 - 33.96	ND	
Aflatoxin B2	1.01 - 33.67	ND	
Aflatoxin G1	0.98 - 33.96	ND	
Aflatoxin G2	0.92 - 34.32	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval


 Sam Smith
 25Jan2023
 11:22:00 AM MST
 PREPARED BY / DATE


 Karen Winternheimer
 25Jan2023
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Cherry Limeade CBD:THC Gummy

Batch ID or Lot Number: 230202B & 230601A	Test, Test ID and Methods: Various	Matrix: Concentrate	Page 5 of 6
Reported: 22Jan2023	Started: 22Jan2023	Received: 19Jan2023	


Pesticides


Test ID: T000233286

Methods: TM17

(LC-QQ LC MS/MS)	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)	
Abamectin	309 - 2713	ND		Malathion	292 - 2720	ND
Acephate	38 - 2763	ND		Metalaxyl	42 - 2705	ND
Acetamiprid	40 - 2783	ND		Methiocarb	44 - 2669	ND
Azoxystrobin	42 - 2728	ND		Methomyl	40 - 2764	ND
Bifenazate	43 - 2678	ND		MGK 264 1	180 - 1636	ND
Boscalid	42 - 2783	ND		MGK 264 2	120 - 1144	ND
Carbaryl	42 - 2754	ND		Myclobutanil	46 - 2718	ND
Carbofuran	42 - 2725	ND		Naled	42 - 2796	ND
Chlorantraniliprole	39 - 2763	ND		Oxamyl	39 - 2775	ND
Chlorpyrifos	47 - 2762	ND		Paclobutrazol	39 - 2732	ND
Clofentezine	268 - 2765	ND		Permethrin	274 - 2747	ND
Diazinon	284 - 2748	ND		Phosmet	40 - 2724	ND
Dichlorvos	300 - 2805	ND		Prophos	291 - 2708	ND
Dimethoate	39 - 2760	ND		Propoxur	43 - 2718	ND
E-Fenpyroximate	271 - 2753	ND		Pyridaben	282 - 2742	ND
Etofenprox	45 - 2751	ND		Spinosad A	32 - 2242	ND
Etoxazole	282 - 2727	ND		Spinosad D	47 - 503	ND
Fenoxycarb	44 - 2747	ND		Spiromesifen	281 - 2741	ND
Fipronil	54 - 2760	ND		Spirotetramat	289 - 2735	ND
Flonicamid	45 - 2832	ND		Spiroxamine 1	17 - 1188	ND
Fludioxonil	312 - 2703	ND		Spiroxamine 2	23 - 1540	ND
Hexythiazox	42 - 2778	ND		Tebuconazole	278 - 2733	ND
Imazalil	289 - 2706	ND		Thiacloprid	40 - 2775	ND
Imidacloprid	43 - 2784	ND		Thiamethoxam	41 - 2796	ND
Kresoxim-methyl	41 - 2759	ND		Trifloxystrobin	43 - 2756	ND

Final Approval


 Karen Winternheimer
 27Jan2023
 08:03:00 AM MST
 PREPARED BY / DATE


 Sam Smith
 27Jan2023
 08:06:00 AM MST
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