



CERTIFICATE OF ANALYSIS

PRODUCT NAME: Delta 9 THC Gummies (Cherry Lime)

PRODUCT STRENGTH: 5mg THC + 25mg CBD per gummy

BATCH: 240307A

BEST BY DATE: 2/1/26

EXTRACT LOT: CA240228-032-087

Physical Attributes

Test	Method	Specification	Results
Color	Internal	Red	PASS
Odor	Internal	Sweet Cherry	PASS
Appearance	Internal	Sugar-coated	PASS
Primary Package Evaluation	Internal	Container clean and free of filth. Container caps tight and seals intact.	PASS
Secondary Package Evaluation	Internal	Labeling compliance checked, sufficient cushion material exists. Box taped & secured.	PASS

Review of Third-Party Analysis

Panel	Method	Specification	Results*	Pass/Fail
Potency - Total CBD	HPLC-UV-DAD	*NLT 25mg / gummy	30mg	PASS
Potency - Total D9-THC	HPLC-UV-DAD	LOQ: <0.03% (full spectrum)	6mg	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 Industrial Hemp Extract	Absent	PASS
Microbial Salmonella	PCR	Complies with CDPHE 6 CCR 1010-21 - LOQ 1 CFU/25 gram	Absent	PASS
Microbial Yeast & 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): ≤1.5ppm Cadmium (Cd): ≤0.5ppm Lead (Pb): ≤0.5ppm Mercury (Hg): ≤1.5ppm	Below LOQ	PASS
Mycotoxins	ICP-MS	Total Aflatoxins <20 ppb† Afltoxin 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

9&S!S&

Name

Date

Cherry Limeade CBD:THC Gummy

Batch ID or Lot Number: 240307A	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 4 of 6
Reported: 02Feb2024	Started: 02Feb2024	Received: 01Feb2024	


Cannabinoids - Colorado Compliance

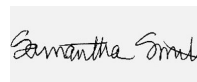
Test ID: T000269566

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

Cannabinoid Analysis	LOD (mg)	LOQ (mg)	Result (mg)	Result (mg/g)	Notes
Cannabichromene (CBC)	0.353	1.083	ND	ND	# of Servings = 1 Sample Weight=4.297g
Cannabichromenic Acid (CBCA)	0.323	0.990	ND	ND	
Cannabidiol (CBD)	1.103	3.202	30.497	7.10	
Cannabidiolic Acid (CBDA)	1.131	3.284	ND	ND	
Cannabidivarin (CBDV)	0.261	0.757	ND	ND	
Cannabidivarinic Acid (CBDVA)	0.472	1.370	ND	ND	
Cannabigerol (CBG)	0.200	0.615	ND	ND	
Cannabigerolic Acid (CBGA)	0.837	2.570	ND	ND	
Cannabinol (CBN)	0.261	0.802	ND	ND	
Cannabinolic Acid (CBNA)	0.571	1.753	ND	ND	
Delta 8-Tetrahydrocannabinol (Delta 8-THC)	0.997	3.061	ND	ND	
Delta 9-Tetrahydrocannabinol (Delta 9-THC)	0.906	2.780	6.242	1.45	
Delta 9-Tetrahydrocannabinolic Acid (THCA-A)	0.802	2.463	ND	ND	
Tetrahydrocannabivarin (THCV)	0.182	0.559	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.708	2.173	ND	ND	
Total Cannabinoids			36.739	8.55	
Total Potential THC			6.242	1.45	
Total Potential CBD			30.497	7.10	

Final Approval


 Karen Winternheimer
 06Feb2024
 03:02:00 PM MST
 PREPARED BY / DATE


 Sam Smith
 06Feb2024
 03:05:00 PM MST
 APPROVED BY / DATE

Cherry Limeade CBD:THC Gummy

Batch ID or Lot Number: 240307A	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 5 of 6
Reported: 02Feb2024	Started: 02Feb2024	Received: 01Feb2024	

Pesticides


Test ID: T000269567


Methods: TM17

(LC-QQ LC MS/MS)

	Dynamic Range (ppb)	Result (ppb)		Dynamic Range (ppb)	Result (ppb)
Abamectin	322 - 2692	ND	Malathion	300 - 2685	ND
Acephate	40 - 2713	ND	Metalaxyl	43 - 2693	ND
Acetamiprid	42 - 2711	ND	Methiocarb	42 - 2675	ND
Azoxystrobin	46 - 2680	ND	Methomyl	41 - 2765	ND
Bifenazate	43 - 2700	ND	MGK 264 1	145 - 1627	ND
Boscalid	47 - 2707	ND	MGK 264 2	110 - 1097	ND
Carbaryl	42 - 2691	ND	Myclobutanil	50 - 2631	ND
Carbofuran	42 - 2677	ND	Naled	44 - 2668	ND
Chlorantraniliprole	48 - 2651	ND	Oxamyl	41 - 2770	ND
Chlorpyrifos	48 - 2744	ND	Paclobutrazol	45 - 2671	ND
Clofentezine	282 - 2731	ND	Permethrin	300 - 2757	ND
Diazinon	293 - 2717	ND	Phosmet	42 - 2585	ND
Dichlorvos	286 - 2745	ND	Prophos	289 - 2668	ND
Dimethoate	41 - 2702	ND	Propoxur	41 - 2692	ND
E-Fenpyroximate	222 - 2857	ND	Pyridaben	286 - 2731	ND
Etofenprox	44 - 2759	ND	Spinosad A	34 - 2091	ND
Etoxazole	292 - 2664	ND	Spinosad D	67 - 674	ND
Fenoxycarb	41 - 2669	ND	Spiromesifen	273 - 2744	ND
Fipronil	50 - 2773	ND	Spirotetramat	300 - 2772	ND
Flonicamid	41 - 2768	ND	Spiroxamine 1	16 - 1015	ND
Fludioxonil	278 - 2672	ND	Spiroxamine 2	22 - 1572	ND
Hexythiazox	42 - 2774	ND	Tebuconazole	290 - 2684	ND
Imazalil	278 - 2725	ND	Thiacloprid	42 - 2720	ND
Imidacloprid	40 - 2726	ND	Thiamethoxam	42 - 2744	ND
Kresoxim-methyl	43 - 2742	ND	Trifloxystrobin	44 - 2700	ND

Final Approval


 Karen Winternheimer
 07Feb2024
 08:52:00 AM MST
 PREPARED BY / DATE


 Sam Smith
 07Feb2024
 08:55:00 AM MST
 APPROVED BY / DATE

Cherry Limeade CBD:THC Gummy


Batch ID or Lot Number: 240307A	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 1 of 6
Reported: 02Feb2024	Started: 02Feb2024	Received: 01Feb2024	


Heavy Metals - Colorado Compliance

Test ID: T000269569
Methods: TM19 (ICP-MS): Heavy

Metals	Dynamic Range (ppm)	Result (ppm)	Notes
Arsenic	0.04 - 4.45	ND	
Cadmium	0.05 - 4.62	ND	
Mercury	0.05 - 4.75	ND	
Lead	0.05 - 4.70	ND	

Final Approval


Samantha Simola
02Feb2024
01:35:00 PM MST
PREPARED BY / DATE


Karen Winternheimer
02Feb2024
01:37:00 PM MST
APPROVED BY / DATE



Certificate of Analysis

ICAL ID: 20240228-077
Batch: 240307A
Cherry Lime d9THC Gummy - 5:1 -25mg CBD, 5mg THC, 4g
Category: Ingestible
Type: Other

Batch#: 240307A
Collected: 02/28/2024; Received: 02/28/2024
Completed: 02/28/2024

Residual Solvent Analysis

Category 1	LOQ	LOD	Limit	Status	Category 2	LOQ	LOD	Limit	Status	Category 2	LOQ	LOD	Limit	Status			
	µg/g	µg/g	µg/g	µg/g		µg/g	µg/g	µg/g	µg/g		µg/g	µg/g	µg/g	µg/g			
1,2-Dichloro-Ethane	ND	0.264	0.088	1	Pass	Acetone	ND	51.246	0.716	5000	Pass	n-Hexane	ND	0.281	0.027	290	Pass
Benzene	ND	0.052	0.017	1	Pass	Acetonitrile	ND	0.42	0.14	410	Pass	Isopropanol	ND	2.86	0.614	5000	Pass
Chloroform	ND	0.076	0.025	1	Pass	Butane	<LOQ	4.849	0.748	5000	Pass	Methanol	ND	2.602	0.867	3000	Pass
Ethylene Oxide	ND	0.579	0.179	1	Pass	Ethanol	877.4	7.575	2.525	5000	Pass	Pentane	ND	5.075	1.692	5000	Pass
Methylene-Chloride	ND	0.729	0.08	1	Pass	Ethyl-Acetate	ND	2.288	0.175	5000	Pass	Propane	ND	9.709	3.236	5000	Pass
Trichloroethene	ND	0.145	0.028	1	Pass	Ethyl-Ether	ND	2.869	0.389	5000	Pass	Toluene	ND	0.864	0.067	890	Pass
						Heptane	ND	2.859	0.496	5000	Pass	Xylenes	ND	2.572	0.326	2170	Pass

Cherry Limeade CBD:THC Gummy


Batch ID or Lot Number: G240307A	Test, Test ID and Methods: Various	Matrix: Finished Product	Page 6 of 6
Reported: 02Feb2024	Started: 02Feb2024	Received: 01Feb2024	


Mycotoxins - Colorado Compliance

Test ID: T000269571
Methods: TM18 (UHPLC-QQQ)

LCMS/MS): Mycotoxins	Dynamic Range (ppb)	Result (ppb)	Notes
Ochratoxin A	0.95 - 124.65	ND	N/A
Aflatoxin B1	1.01 - 32.26	ND	
Aflatoxin B2	0.95 - 32.60	ND	
Aflatoxin G1	1.01 - 32.51	ND	
Aflatoxin G2	1.10 - 32.42	ND	
Total Aflatoxins (B1, B2, G1, and G2)		ND	

Final Approval


Karen Winternheimer
08Feb2024
10:39:00 AM MST
PREPARED BY / DATE


Sam Smith
08Feb2024
10:41:00 AM MST
APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/b90c2229-ab04-4fe2-8a2e-0d3f0958c9b0>

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: 10² = 100 CFU, 10³ = 1,000 CFU, 10⁴ = 10,000 CFU, 10⁵ = 100,000 CFU.

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



Cert #4329.02
b90c2229ab044fe28a2e0d3f0958c9b0.1

Cherry Limeade CBD:THC Gummy

Batch ID or Lot Number: 240307A	Test: Microbial Contaminants	Reported: 11Mar2024	USDA License: N/A
Matrix: Finished Product	Test ID: T000273626	Started: 08Mar2024	Sampler ID: N/A
	Method(s): TM25 (qPCR) TM24, TM26, TM27 (Culture Plating): Microbial (Colorado Panel)	Received: 08Mar2024	Status: Active

Microbial

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



Eden Thompson-Wright
11Mar2024
11:05:00 AM MDT



Brett Hudson
11Mar2024
11:53:00 AM MDT



PREPARED BY / DATE

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/14fcae7a-89fb-42be-804b-19dc81d3e0c9>

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: 10² = 100 CFU, 10³ = 1,000 CFU, 10⁴ = 10,000 CFU, 10⁵ = 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

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.



Cert #4329.02

CDPHE Certified

14fcae7a89fb42be804b19dc81d3e0c9.1