




UTAH DEPARTMENT OF AGRICULTURE AND FOOD
UNIFIED STATE LABORATORY
4451 SOUTH 2700 WEST
TAYLORSVILLE, UTAH 84129

CERTIFICATE OF ANALYSIS

Sample Information			Authorization:	
Contact:	Uinta Cannabis	Sample Number:	2022-002	 Brandon Forsyth, PhD State Chemist
Email:	tmills@utah.gov	Description:	Cherry Chocolate Chip	
Sample Size (g):	10	Lot Size (Plants):	11	
Collected By:	Tanner Mills	Date Received:	01/03/2021	
Date Collected:	12/29/2021	Issue Date:	01/07/2022	

Cannabinoid Analysis

Analysis performed using High Performance Liquid Chromatography (HPLC)

Analyte	mg/g	% (w/w)	Status
Δ9-THC	0.50	0.05%	
Δ9-THCA	2.80	0.28%	
Δ8-THC	0.20	0.02%	
THCV	5.00	0.50%	
CBD	3.70	0.37%	
CBDA	74.40	7.44%	
CBDV	ND	ND	
CBN	0.20	0.02%	
CBG	0.30	0.03%	
CBGA	1.80	0.18%	
CBC	0.30	0.03%	
CBCA	3.50	0.35%	
Total THC		0.30%	PASS
Total CBD		6.89%	

Notes: Pathogen testing was not performed due to the global shortage of PCR clean pipette tips. For more information see <https://ag.utah.gov/2021/04/29/udaf-temporarily-adjusts-medical-cannabis-testing-protocols-due-to-global-shortages-of-laboratory-supplies/>.

ND = Not Detected NA = Not Applicable NT = Not Tested NQ = Not Quantifiable

- Results pertain only to the test sample listed in this report.

- This report may not be reproduced except in its entirety.

The analysis given above was made under applicable provisions of the Utah Code and is a true statement of the results of an examination of a sample submitted to the laboratory under the identification herein recorded. The results here recorded may not be used as an endorsement for a product.

Comprehensive Analysis Report

Sample Overview

Client: Uintah Cannabis
Sample Name: Cherry Chocolate Chip
Sample Matrix: Cannabis Flower
Sample Lot: N/A
Date Received: 01/11/2022
APRC #: UC220111A

Assay	Disposition	Date Tested
Cannabinoid Testing	Tested	01-18-2022

Instrument Analysis Report

Potency

Method: SOP 1-2026.01

Sample Name: Cherry Chocolate Chip

APRC Lot Number: UC220111A

Cannabinoid	RT	Total %	Total mg/g
Cannabidivarin	2.17	0.06	0.61
Cannabidiolic Acid	2.75	5.31	53.06
Cannabigerolic Acid	INT	ND	ND
Cannabigerol	3.08	0.07	0.71
Cannabidiol	3.25	3.99	39.90
Tetrahydrocannabivarin	ND	ND	ND
Cannabinol	ND	ND	ND
Delta-9-Tetrahydrocannabinol	5.99	0.29	2.89
Delta-8-Tetrahydrocannabinol	ND	ND	ND
Cannabichromene	7.51	0.25	2.51
Tetrahydrocannabinolic acid	7.83	0.07	0.68

Performed by: Jordan Morley

Reviewed by: Cierra Gunn

	%	mg/g
Total Cannabinoids	10.04	100.35
Total THC ^t	0.35	3.48
Total CBD ^s	8.64	86.43

^tTotal Thc is calculated by $\Delta 9\text{-THC} + (\text{THCA-A} \times 0.877)$

^sTotal CBD is calculated by $\text{CBD} + (\text{CBDA} \times 0.877)$

Notes: Moisture Content: 6.99 % INT: Concentration could not be quantified due to an interfering substance.



Approved By: Cierra Gunn
01/19/2022

PCR-Microarray Analysis Report

Microbial Certificate of Analysis

Client: Uinta Cannabis
Sample Name: Cherry Chocolate Chip
Sample Matrix: Raw Hemp
Sample Lot: N/A

Date Received: 01/21/2022
Date Tested: 01/28/2022
APRC #: UC220121A

Total Counts			
Group	Result	Specification†	Disposition
Total Aerobic Bacteria	2,900	Report Only	Tested
Total Bile Tolerant Gram-Negative Bacteria	240	Report Only	Tested
Total Enterobacteria/Coliforms	<100	Report Only	Tested
Total Yeast and Mold	100	Report Only	Tested

Specific Organism Identification			
Organism	Result	Specification†	Disposition
<i>Aspergillus flavus</i>	ND	Report Only	Tested
<i>Aspergillus fumigatus</i>	ND	Report Only	Tested
<i>Aspergillus niger</i>	ND	Report Only	Tested
<i>Aspergillus terreus</i>	ND	Report Only	Tested
<i>Escherichia coli</i> – Non shigella	ND	Report Only	Tested
<i>Escherichia coli</i> – <i>Shigella</i> spp.‡	ND	Report Only	Tested
<i>Listeria monocytogenes</i>	ND	Report Only	Tested
<i>Salmonella</i> – Specific Gene	ND	Report Only	Tested
<i>Staphylococcus aureus</i>	ND	Report Only	Tested
<i>Pseudomonas aeruginosa</i>	ND	Report Only	Tested

† - Per Utah State R68-29-8 requirements

‡ - Interpretation is based on presence of *Shigella* specific genes along with positive findings of STX1 and STX2 genes.

Analyzed by: J. Morley

Notes:

Foreign Matter: ND

Reviewed by: C. Gunn

Cherry Chocolate Chip_UC220121A_1262022_1047 AM_004

Sample ID: UC220121A

Date acquired: 1/26/2022 11:43:08 AM

Acquired by: Admin

Data File: C:\LabSolutions\Data\Cherry Chocolate Chip_UC220121A_1262022_1047 AM_004.lcd

Vial: 37 | Inj. Volume: 1.0000uL | Tray: 1

Name	Conc.	Unit	Comment 1	Comment 2
Abamectin B1a	----	ppm	0.5 ppm limit	LOQ = 0.0005 ppm
Acephate	----	ppm	0.4 ppm limit	LOQ = 0.0005 ppm
Acequinocyl	----	ppm	2 ppm limit	LOQ = 0.0005 ppm
Acetamiprid	----	ppm	0.2 ppm limit	LOQ = 0.0005 ppm
Aldicarb	----	ppm	0.4 ppm limit	LOQ = 0.0005 ppm
Azoxystrobin	----	ppm	0.2 ppm limit	LOQ = 0.0005 ppm
Bifenazate	----	ppm	0.2 ppm limit	LOQ = 0.0005 ppm
Bifenthrin	----	ppm	0.2 ppm limit	LOQ = 0.0005 ppm
Boscalid	----	ppm	0.4 ppm limit	LOQ = 0.0005 ppm
Carbaryl	----	ppm	0.2 ppm limit	LOQ = 0.0005 ppm
Carbofuran	----	ppm	0.2 ppm limit	LOQ = 0.0005 ppm
Chlorantraniliprole	----	ppm	0.2 ppm limit	LOQ = 0.0005 ppm
Chlorfenapyr	----	ppm	1 ppm limit	LOQ = 0.0005 ppm
Chlorpyrifos	----	ppm	0.2 ppm limit	LOQ = 0.0005 ppm
Clofentezine	----	ppm	0.2 ppm limit	LOQ = 0.0005 ppm
Cyfluthrin	----	ppm	1 ppm limit	LOQ = 0.005 ppm
Cypermethrin	----	ppm	1 ppm limit	LOQ = 0.0005 ppm
Daminozide	----	ppm	1 ppm limit	LOQ = 0.01 ppm
Diazinon	----	ppm	0.2 ppm limit	LOQ = 0.005 ppm
Dichlorvos (DDVP)	----	ppm	0.1 ppm limit	LOQ = 0.0025 ppm
Dimethoate	----	ppm	0.2 ppm limit	LOQ = 0.0005 ppm
Ethoprophos	----	ppm	0.2 ppm limit	LOQ = 0.0005 ppm
Etofenprox	----	ppm	0.4 ppm limit	LOQ = 0.0005 ppm
Etoxazole	----	ppm	0.2 ppm limit	LOQ = 0.0005 ppm
Fenoxycarb	----	ppm	0.2 ppm limit	LOQ = 0.0005 ppm
Fenpyroximate	----	ppm	0.4 ppm limit	LOQ = 0.0005 ppm
Fipronil	----	ppm	0.4 ppm limit	LOQ = 0.005 ppm
Flonicamid	----	ppm	1 ppm limit	LOQ = 0.0005 ppm
Fludioxonil	----	ppm	0.4 ppm limit	LOQ = 0.0005 ppm
Hexythiazox	----	ppm	1 ppm limit	LOQ = 0.0005 ppm
Imazalil	----	ppm	0.2 ppm limit	LOQ = 0.0005 ppm
Imidacloprid	----	ppm	0.4 ppm limit	LOQ = 0.0005 ppm
Kresoxim-methyl	----	ppm	0.4 ppm limit	LOQ = 0.0005 ppm
Malathion	----	ppm	0.2 ppm limit	LOQ = 0.0005 ppm
Metalaxyl	----	ppm	0.2 ppm limit	LOQ = 0.0005 ppm
Methiocarb	----	ppm	0.2 ppm limit	LOQ = 0.0005 ppm
Methomyl	----	ppm	0.4 ppm limit	LOQ = 0.0005 ppm
MGK 264 (Pyrodone)	----	ppm	0.2 ppm limit	LOQ = 0.0005 ppm
Myclobutanil	----	ppm	0.2 ppm limit	LOQ = 0.0005 ppm
Naled	----	ppm	0.5 ppm limit	LOQ = 0.0005 ppm
Oxamyl	----	ppm	1 ppm limit	LOQ = 0.0005 ppm
Paclobutrazol	----	ppm	0.4 ppm limit	LOQ = 0.0005 ppm
Parathion Methyl	----	ppm	0.2 ppm limit	LOQ = 0.0005 ppm
Permethrins	----	ppm	0.2 ppm limit	LOQ = 0.0005 ppm
Phosmet	----	ppm	0.2 ppm limit	LOQ = 0.0005 ppm
Piperonyl butoxide	----	ppm	2 ppm limit	LOQ = 0.0005 ppm
Prallethrin	----	ppm	0.2 ppm limit	LOQ = 0.0005 ppm
Propiconazole	----	ppm	0.4 ppm limit	LOQ = 0.0005 ppm
Propoxur	----	ppm	0.2 ppm limit	LOQ = 0.0005 ppm
Pyrethrin I	----	ppm	0.5 ppm limit	LOQ = 0.0005 ppm
Pyrethrin II	----	ppm	0.5 ppm limit	LOQ = 0.0005 ppm
Pyridaben	----	ppm	0.2 ppm limit	LOQ = 0.0005 ppm
Spinosad A	----	ppm	0.1 ppm limit	LOQ = 0.0005 ppm
Spinosad D	----	ppm	0.1 ppm limit	LOQ = 0.0005 ppm
Spiromesifen	----	ppm	0.2 ppm limit	LOQ = 0.0005 ppm
Spirotetramat	----	ppm	0.2 ppm limit	LOQ = 0.0005 ppm
Spiroxamine	----	ppm	0.4 ppm limit	LOQ = 0.0005 ppm
Tebuconazole	----	ppm	0.4 ppm limit	LOQ = 0.0005 ppm
Thiacloprid	----	ppm	0.2 ppm limit	LOQ = 0.0005 ppm
Thiamethoxam	----	ppm	0.2 ppm limit	LOQ = 0.0005 ppm
Trifloxystrobin	----	ppm	0.2 ppm limit	LOQ = 0.0005 ppm

Comment: Pass

ICP-MS Analysis Report

Heavy Metal Certificate of Analysis

Client: Uinta Cannabis Date Received: 01/21/2022
Sample Name: Cherry Chocolate Chip Date Released: 01/27/2022
Sample Matrix: Raw Hemp APRC #: UC220121A
Sample Lot: N/A

Analyte	Conc. (ppm)	Specification [†] (ppm)	Disposition
Arsenic	0.029	< 2.00	Pass
Cadmium	0.030	< 0.82	Pass
Mercury	<0.001	< 0.40	Pass
Lead	0.025	< 1.20	Pass

Prepared by: Cierra Gunn

[†] - Per Utah State Code 4-41a-701 (3) section R68-29-7

Reviewed by: Spencer Kipfmueller