



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

**CERTIFICATE OF ANALYSIS**

Sample Information				Authorization:
<b>Contact:</b>	Uinta Cannabis	<b>Sample Number:</b>	2022-007	
<b>Email:</b>	fereday@uintacannabis.com	<b>Description:</b>	Purple Beauty	
<b>Sample Size (g):</b>	10	<b>Lot Size (Plants):</b>	12	Brandon Forsyth, PhD State Chemist
<b>Collected By:</b>	Tom Smart	<b>Date Received:</b>	01/21/2022	
<b>Date Collected:</b>	01/21/2022	<b>Issue Date:</b>	01/25/2022	

**Cannabinoid Analysis**

*Analysis performed using High Performance Liquid Chromatography (HPLC)*

Analyte	mg/g	% (w/w)	Status
Δ9-THC	0.40	0.04%	
Δ9-THCA	2.70	0.27%	
Δ8-THC	0.10	0.01%	
THCV	NQ	NQ	
CBD	3.40	0.34%	
CBDA	74.30	7.43%	
CBDV	ND	ND	
CBN	ND	ND	
CBG	0.80	0.08%	
CBGA	3.40	0.34%	
CBC	0.30	0.03%	
CBCA	3.70	0.37%	
<b>Total THC</b>		<b>0.28%</b>	<b>PASS</b>
<b>Total CBD</b>		<b>6.86%</b>	

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:** Uinta Cannabis  
**Sample Name:** Purple Beauty  
**Sample Matrix:** Raw Hemp  
**Sample Lot:** 001

**Date Received:** 03/02/2022  
**APRC #:** UC220302B

Assay	Disposition	Date Tested
Cannabinoid Testing	Tested	03-04-2022
Heavy Metals - Utah State Cannabis Panel	Tested	03-10-2022
Microbial Impurities	Tested	03-04-2022
Pesticide Screen (APRC Panel)	Tested	03-04-2022
Terpene Quantitation	Tested	03-07-2022

## Instrument Analysis Report

### Potency

Method: SOP 1-2026.01

Sample Name: Purple Beauty

APRC Lot Number: UC220302B

Cannabinoid	RT	Total %	Total mg/g
Cannabidivarin	2.16	0.05	0.47
Cannabidiolic Acid	2.74	12.80	127.96
Cannabigerolic Acid	2.91	0.29	2.90
Cannabigerol	3.08	0.12	1.15
Cannabidiol	3.25	1.64	16.44
Tetrahydrocannabivarin	ND	ND	ND
Cannabinol	ND	ND	ND
Delta-9-Tetrahydrocannabinol	6.00	0.22	2.21
Delta-8-Tetrahydrocannabinol	ND	ND	ND
Cannabichromene	7.52	0.16	1.62
Tetrahydrocannabinolic acid	7.83	0.40	4.01

Performed by: Sujan Timsina

Reviewed by: Jordan Morley

	%	mg/g
Total Cannabinoids	15.68	156.77
Total THC <sup>t</sup>	0.57	5.73
Total CBD <sup>s</sup>	12.87	128.66

<sup>t</sup>Total Thc is calculated by Δ9-THC + (THCA-A\*0.877)

<sup>s</sup>Total CBD is calculated by CBD + (CBDA\*0.877)

Notes: Moisture Content: 7.68 | Water Activity: 0.1060

## Instrument Analysis Report

### Heavy Metals

Method: CTLA

Sample Name: Purple Beauty

APRC Lot Number: UC220302B

Analyte	Result (ppm)	LOD (ppm)	Threshold (ppm)	Pass/Fail
Arsenic	0.029	0.001	2.00	Pass
Cadmium	0.009	0.001	0.82	Pass
Lead	0.003	0.001	1.20	Pass
Mercury	<0.001	0.001	0.40	Pass

Heavy metal analysis is completed in partnership with Contract Testing Laboratories of America, Orem UT.

Performed by: CTLA

Reviewed by: William Deutschman



## Instrument Analysis Report

### Microbial Impurities

Method: 1-2034.01

Sample Name: Purple Beauty

APRC Lot Number: UC220302B

<b>Total Counts</b>			
<b>Microbial Group:</b>	<b>Result:</b>	<b>Specification:</b>	<b>Disposition:</b>
Total Aerobic Bacteria	100	Report Only	Report Only
Total Yeast and Mold	290	Report Only	Report Only

<b>Specific Organism Identification</b>			
<b>Microbial Organism:</b>	<b>Result:</b>	<b>Specification:</b>	<b>Disposition:</b>
Aspergillus flavus	ND	Report Only	Not Detected
Aspergillus fumigatus	ND	Report Only	Not Detected
Aspergillus niger	ND	Report Only	Not Detected
Aspergillus terreus	ND	Report Only	Not Detected
Escherichia coli - Non shigella	ND	Report Only	Not Detected
Escherichia coli - Shigella spp	ND	Report Only	Not Detected
Listeria monocytogenes	ND	Report Only	Not Detected
Salmonella - Specific Gene	ND	Report Only	Not Detected
Staphylococcus aureus	ND	Report Only	Not Detected
Pseudomonas aeruginosa	ND	Report Only	Not Detected

Performed by: Jordan Morley

Reviewed by: Riley Hunter

# Instrument Analysis Report

## Pesticides

Method:

Sample Name: Purple Beauty

APRC Lot Number: UC220302B

Pesticide:	Finding	Action Limit (µg/g)	Pass/Fail
Abamectin	ND	0.5	Pass
Acephate	ND	0.4	Pass
Acequinocyl	ND	2.0	Pass
Acetamiprid	ND	0.2	Pass
Aldicarb	ND	0.4	Pass
Azoxystrobin	ND	0.2	Pass
Bifenazate	ND	0.2	Pass
Bifenthrin	ND	0.2	Pass
Boscalid	ND	0.4	Pass
Carbaryl	ND	0.2	Pass
Carbofuran	ND	0.2	Pass
Chlorantraniliprole	ND	0.2	Pass
Chlorfenapyr	ND	1.0	Pass
Chlorpyrifos	ND	0.2	Pass
Clofentezine	ND	0.2	Pass
Cyfluthrin	ND	1.0	Pass
Cypermethrin	ND	1.0	Pass
Daminozide	ND	1.0	Pass
Dichlorvos	ND	0.1	Pass
Diazinon	ND	0.2	Pass
Dimethoate	ND	0.2	Pass
Ethoprophos	ND	0.2	Pass
Etofenprox	ND	0.4	Pass
Etoxazole	ND	0.2	Pass
Fenoxycarb	ND	0.2	Pass
Fenpyroximate	ND	0.4	Pass
Fipronil	ND	0.4	Pass
Fonicamid	ND	1.0	Pass
Fludioxonil	ND	0.4	Pass

Pesticide:	Finding	Action Limit (µg/g)	Pass/Fail
Hexythiazon	ND	1.0	Pass
Imazal	ND	0.2	Pass
Imidacloprid	ND	0.4	Pass
Kresoxim-methyl	ND	0.4	Pass
Malathion A	ND	0.2	Pass
Metalaxyl	ND	0.2	Pass
Methiocarb	ND	0.2	Pass
Methomyl	ND	0.4	Pass
Methylparathion	ND	0.2	Pass
MGK-264	ND	0.2	Pass
Myclobutanil	ND	0.2	Pass
Naled	ND	0.5	Pass
Oxamyl	ND	1.0	Pass
Paclobutrazol	ND	0.4	Pass
Permethrins	ND	0.2	Pass
Phosmet	ND	0.2	Pass
Piperonylbutoxide	ND	2.0	Pass
Prallethrin	ND	0.2	Pass
Propiconazole	ND	0.4	Pass
Propoxur	ND	0.2	Pass
Pyrethrin	ND	1.0	Pass
Pyridaben	ND	0.2	Pass
Spinosad	ND	0.2	Pass
Spinetoram	ND	0.1	Pass
Spirotetramat	ND	0.2	Pass
Spiroxamine	ND	0.4	Pass
Tebuconazole	ND	0.4	Pass
Thiacloprid	ND	0.2	Pass
Thiamethoxam	ND	0.2	Pass
Trifloxystrobin	ND	0.2	Pass

Performed by: Noura Dosoky Reviewed by: Will Deutschman

## Instrument Analysis Report

### Terpenes

Method: SOP 1-2029.01

Sample Name: Purple Beauty

APRC Lot Number: UC220302B

Analyte	Total % (w/w)	Total (mg/g)
$\alpha$ -Pinene	0.005	0.050
Camphene	ND	ND
Myrcene	0.073	0.731
$\beta$ -pinene	0.007	0.070
3-Carene	ND	ND
Terpinene	ND	ND
cis- $\beta$ -Ocimene	ND	ND
trans- $\beta$ -Ocimene	ND	ND
Limonene	0.016	0.158
p-Cymene	ND	ND

Analyte	Total % (w/w)	Total (mg/g)
$\gamma$ -Terpinene	ND	ND
Terpinolene	ND	ND
Linalool	0.018	0.179
Isopulegol	ND	ND
Geraniol	ND	ND
Caryophyllene	0.050	0.500
Humulene	0.016	0.163
cis-Nerolidol	ND	ND
trans-Nerolidol	ND	ND
Guaiol	ND	ND
$\alpha$ -Bisabolol	0.023	0.228
Total	0.208	2.078

Performed by: Riley Hunter

Reviewed by: Spencer Kipfmueller



**Approved By:** William Deutschman  
03/21/2022