


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

**CERTIFICATE OF ANALYSIS**

**Sample Information** **Authorization:**

**Producer:** Standard Wellness of Utah  
**Description:** Cherry Wine 1g  
**Collected By:** Ries Trenary  
**Date Collected:** 01/11/2022  
**Quantity Received:** 4 units

**Sample Number:** V0204  
**MJ Batch Number:** CAR0106CW  
**Date Received:** 01/12/2022  
**Issue Date:** 01/20/2022

  
 Brandon Forsyth, PhD  
 State Chemist

Requested Testing:

- |                |                                     |                   |                          |
|----------------|-------------------------------------|-------------------|--------------------------|
| Cannabinoids   | <input checked="" type="checkbox"/> | Pesticide         | <input type="checkbox"/> |
| Foreign Matter | <input checked="" type="checkbox"/> | Heavy Metals      | <input type="checkbox"/> |
| Microbial Life | <input checked="" type="checkbox"/> | Residual Solvents | <input type="checkbox"/> |
| Water Activity | <input type="checkbox"/>            | Mycotoxin         | <input type="checkbox"/> |
| Moisture       | <input type="checkbox"/>            | Terpenes          | <input type="checkbox"/> |

**Cannabinoid Analysis**

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

Analyte	% (w/w)	mg/g
Δ9-THC	41.72%	417.20
THCA	NQ	NQ
Δ8-THC	36.99%	369.90
THCV	NQ	NQ
CBD	4.58%	45.80
CBDA	NQ	NQ
CBDV	ND	ND
CBN	0.20%	2.00
CBG	ND	ND
CBGA	<LOQ	<LOQ
CBC	ND	ND
CBCA	<LOQ	<LOQ

Carts		mg/g from COA	Total mg
Total Weight of Finished Product	1g	787.1	787.1
		D9 THC	417.2
		D8 THC	369.9
		THCA	0
		THCV	0
		CBD	45.8
		CBDA	0
		CBDV	0
		CBN	2
		CBG	0
		CBGA	0
		CBC	0
		CBCA	0
		Leaf Trade total cannabinoids	834.9

**Foreign Matter Analysis**

*Analysis performed by visual inspection aided by magnification*

Analyte	Result	Foreign Matter Found	Status
Foreign Matter	ND	NA	PASS

## Microbial Analysis

### Analysis performed using plating methods

Analyte	Result (cfu/g)	Allowed Limit	Status
TAC	<100	10,000	PASS
TYM	<100	1,000	PASS

### Analysis performed using Polymerase Chain Reaction (PCR) methods

Organism	Result	Required	Status
E. coli	NT	<input type="checkbox"/>	--
Salmonella	NT	<input type="checkbox"/>	--
STEC	NT	<input checked="" type="checkbox"/>	--
Pseudomonas	NT	<input checked="" type="checkbox"/>	--
Aspergillus	NT	<input type="checkbox"/>	--
Staph	NT	<input checked="" type="checkbox"/>	--

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.*