




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:** T2 0.5g  
**Collected By:** Xavier Matheson  
**Date Collected:** 02/18/2022  
**Quantity Received:** 4 units

**Sample Number:** V0233  
**MJ Batch Number:** CART0216  
**Date Received:** 02/22/2022  
**Issue Date:** 02/17/2022

  
 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	55.05%	550.50		
THCA	<LOQ	<LOQ		
Δ8-THC	22.00%	220.00		
THCV	1.33%	13.30		
CBD	6.95%	69.50		
CBDA	<LOQ	<LOQ		
CBDV	ND	ND		
CBN	NQ	NQ		
CBG	ND	ND		
CBGA	<LOQ	<LOQ		
CBC	ND	ND		
CBCA	<LOQ	<LOQ		

Carts		mg/g from COA	Total mg
Total Weight of Finished Product	Total THC	550.5	275.25
0.5g	D9 THC	550.5	275.25
	D8 THC	220	110
	THCA		0
	THCV	13.3	6.65
	CBD	69.5	34.75
	CBDA		0
	CBDV		0
	CBN		0
	CBG		0
	CBGA		0
	CBC		0
	CBCA		0
	Leaf Trade total cannabinoids		426.65

#### Foreign Matter Analysis

*Analysis performed by visual inspection aided by magnification*

Analyte	Result	Foreign Matter Found	Status
Foreign Matter	Detected	Oxidative browning in top layer of oil	PASS

## Microbial Analysis

### Analysis performed using plating methods

Analyte	Result (cfu/g)	Allowed Limit	Status
TAC	<250	10,000	PASS
TYM	<250	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    TNCT = Too Numerous to Count

- 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.*