




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:** 1:1 Ginger Lemon  
**Collected By:** Ries Trenary  
**Date Collected:** 3/22/2022  
**Quantity Received:** 6 units

**Sample Number:** G0308  
**MJ Batch Number:** GUM0314  
**Date Received:** 03/22/2022  
**Issue Date:** 3/28/2022

  
 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	0.25%	2.50
THCA	ND	ND
Δ8-THC	ND	ND
THCV	ND	ND
CBD	ND	ND
CBDA	ND	ND
CBDV	ND	ND
CBN	ND	ND
CBG	0.25%	2.50
CBGA	ND	ND
CBC	ND	ND
CBCA	ND	ND

Gummies			
		mg/g from COA	per gummie
Total Weight of Finished Product	48g	Total THC 2.5	120
		D9 THC 2.5	120
		D8 THC	0
Weight per gummie	4.8g	CBD	0
		CBG	120
Number of gummies	10		

### Foreign Matter Analysis

Analysis performed by visual inspection aided by magnification

Analyte	Result	Foreign Matter Found	Status
Foreign Matter	ND		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 checked="" type="checkbox"/>	--
Salmonella	NT	<input checked="" type="checkbox"/>	--
STEC	NT	<input type="checkbox"/>	--
Pseudomonas	NT	<input 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.

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*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.*