



**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:** Lemon High  
**Collected By:** Ries Trenary  
**Date Collected:** 09/02/2021

**Sample Number:** G0167  
**MJ Batch Number:** GUM0901  
**Date Received:** 09/03/2021  
**Issue Date:** 09/09/2021

  
 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"/>            |                   |                          |

**Cannabinoid Analysis**

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

Analyte	% (w/w)	mg/g			
Δ9-THC	0.48%	4.80			
THCA	ND	ND			
Δ8-THC	0.38%	3.80			
THCV	ND	ND			
CBD	0.03%	0.30			
CBDV	ND	ND			
CBN	NQ	NQ			
CBG	ND	ND			
CBGA	ND	ND			
CBC	ND	ND			
CBCA	ND	ND			

  

		mg/g from COA	Total mg	per gummie
Total Weight of Finished Product	45 g	Total THC 8.144	366.48	36.648
		D9 THC 4.8	216	21.6
		D8 THC 3.8	171	17.1
Weight per gummie	4.5 g	CBD 0.3	13.5	1.35
Number of gummies	10			

**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 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

- 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.