



**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:** Grape  
**Collected By:** Ries Trenary  
**Date Collected:** 08/19/2021

**Sample Number:** G0157  
**MJ Batch Number:** GUM0816  
**Date Received:** 08/20/2021  
**Issue Date:** 08/26/2021

  
 Brandon Forsyth, PhD  
 State Chemist

Requested Testing:

- Cannabinoids
- Foreign Matter
- Microbial Life
- Water Activity
- Moisture

- Pesticide
- Heavy Metals
- Residual Solvents
- Mycotoxin

Gummies		mg/g from COA	Total mg	per gummie
Total Weight of Finished Product	Total THC	2.3	103.5	10.35
45g	D9 THC	2.3	103.5	10.35
	D8 THC	1.9	85.5	8.55
Weight per gummie	CBD	0.2	9	0.9
4.5g				
Number of gummies				
10				

**Cannabinoid Analysis**

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

Analyte	% (w/w)	mg/g
Δ9-THC	0.23%	2.30
THCA	ND	ND
Δ8-THC	0.19%	1.90
THCV	ND	ND
CBD	0.02%	0.20
CBDA	ND	ND
CBDV	ND	ND
CBN	NQ	NQ
CBG	ND	ND
CBGA	ND	ND
CBC	ND	ND
CBCA	ND	ND

**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.*