



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

**CERTIFICATE OF ANALYSIS**

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

<b>Producer:</b>	Standard Wellness of Utah	<b>Sample Number:</b>	V0200	 Brandon Forsyth, PhD State Chemist
<b>Description:</b>	Live Budder GSL 0.5G Bucket	<b>MJ Batch Number:</b>	BUC0103	
<b>Collected By:</b>	Ries Trenary	<b>Date Received:</b>	01/12/2022	
<b>Date Collected:</b>	01/11/2022	<b>Issue Date:</b>	01/20/2022	
<b>Quantity Received:</b>	4 units			

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	1.69%	16.90
THCA	69.24%	692.40
Δ8-THC	<LOQ	<LOQ
THCV	NQ	NQ
CBD	0.13%	1.30
CBDA	0.11%	1.10
CBDV	ND	ND
CBN	<LOQ	<LOQ
CBG	0.17%	1.70
CBGA	4.66%	46.60
CBC	<LOQ	<LOQ
CBCA	0.15%	1.50

Darts/Bucket		mg/g from COA	Total mg
Total Weight of Finished Product	Total THC	62.6212	31.3106
0.5g	Δ9 THC	1.69	0.845
	Δ8 THC		0
	THCA	69.24	34.62
	THCV		
	CBD	1.3	0.65
	CBDA	1.1	0.55
	CBN		0
	CBG	1.7	0.85
	CBGA	46.6	23.3
	CBCA	1.5	0.75
	Leaf Trade total cannabinoids		61.565

**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.

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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.*