


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: Bucket Blue Spruce
Collected By: Ries Trenary
Date Collected: 07/27/2021

Sample Number: V0151
MJ Batch Number: BUC0722BS
Date Received: 07/27/2021
Issue Date: 08/05/2021


 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	51.66%	516.60		
THCA	ND	ND		
Δ8-THC	26.17%	261.70		
THCV	NQ	NQ		
CBD	10.96%	109.60		
CBDA	NQ	NQ		
CBDV	ND	ND		
CBN	0.19%	1.90		
CBG	ND	ND		
CBGA	NQ	NQ		
CBC	ND	ND		
CBCA	NQ	NQ		

		mg/g from COA	Total mg
Total Weight of Finished Product	1g	Total THC 778.3	778.3
		D9 THC 516.6	516.6
		D8 THC 261.7	261.7
		THCA	0
		THCV	0
		CBD 109.6	109.6
		CBC	0
		CBG	0
		CBCA	0
		CBN 1.9	1.9
		Leaf Trade total cannabinoids	889.8

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.
- 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.