


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: Berry RNTZ
Collected By: Xavier Matheson
Date Collected: 12/14/2021
Quantity Received: 4 units

Sample Number: V0171
MJ Batch Number: CART1209BR
Date Received: 12/14/2021
Issue Date: 12/22/2021


 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"/> | Terpenes | <input type="checkbox"/> |

Cannabinoid Analysis

Analysis performed using High Performance Liquid Chromatography (HPLC)

Analyte	% (w/w)	mg/g
Δ9-THC	85.11%	851.10
THCA	0.06%	0.60
Δ8-THC	0.29%	2.90
THCV	3.61%	36.10
CBD	1.24%	12.40
CBDA	ND	ND
CBDV	NQ	NQ
CBN	1.05%	10.50
CBG	2.31%	23.10
CBGA	0.02%	0.20
CBC	0.93%	9.30
CBCA	ND	ND

Carts		mg/g from COA	Total mg
Total Weight of Finished Product		854.528	854.528
1g	Total THC	851.1	851.1
	D9 THC	851.1	851.1
	D8 THC	2.9	2.9
	CBC	9.3	9.3
	CBCA		0
	CBD	12.4	12.4
	CBDV		0
	CBGA	0.2	0.2
	CBG	12.1	12.1
	CBN	10.5	10.5
	THCA	0.6	0.6
	THCV	36.1	36.1
Leaf Trade total cannabinoids			935.2

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	<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.