


**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>	V0164	 Brandon Forsyth, PhD State Chemist
<b>Description:</b>	RSO Darts	<b>MJ Batch Number:</b>	RSO1124	
<b>Collected By:</b>	Ries Trenary	<b>Date Received:</b>	11/26/2021	
<b>Date Collected:</b>	11/26/2021	<b>Issue Date:</b>	12/06/2021	

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	66.50%	665.00		
THCA	1.13%	11.30		
Δ8-THC	0.08%	0.80		
THCV	0.95%	9.50		
CBD	0.10%	1.00		
CBDA	0.02%	0.20		
CBDV	NQ	NQ		
CBN	0.71%	7.10		
CBG	1.51%	15.10		
CBGA	0.48%	4.80		
CBC	0.02%	0.20		
CBCA	NQ	NQ		

Darts/Bucket		mg/g from COA	Total mg
Total Weight of Finished Product	1 g	675.744	675.744
		D9 THC	665
		D8 THC	0.8
		THCA	11.3
		THCV	9.5
		CBD	1
		CBDA	0.2
		CBN	7.1
		CBG	15.1
		CBGA	4.8
		CBC	0.2
		Leaf Trade total cannabinoids	705.5

**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.*