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	**Sample Number:**	V0162	
Description:	MAC Pax Pod	**MJ Batch Number:**	PAX0913MAC	
Collected By:	Karissa Johnson	**Date Received:**	09/15/2021	Brandon Forsyth, PhD
Date Collected:	09/14/2021	**Issue Date:**	09/20/2021	State Chemist

Requested Testing:

Cannabinoids	☑	Pesticide	☐
Foreign Matter	☑	Heavy Metals	☐
Microbial Life	☑	Residual Solvents	☐
Water Activity	☐	Mycotoxin	☐
Moisture	☐		

Cannabinoid Analysis

Analysis performed using High Performance Liquid Chromatography (HPLC)

Analyte	% (w/w)	mg/g
Δ9-THC	80.97%	809.70
THCA	0.24%	2.40
Δ8-THC	1.09%	10.90
THCV	1.10%	11.00
CBD	0.35%	3.50
CBDA	0.03%	0.30
CBDV	ND	ND
CBN	0.65%	6.50
CBG	2.17%	21.70
CBGA	0.15%	1.50
CBC	0.11%	1.10
CBCA	ND	ND

Pods			
		mg/g from COA	Total mg
Total Weight of Finished Product	Total THC	834.1	417.05
0.5 g	D9 THC	809.7	404.85
	D8 THC	10.9	5.45
	CBCA		0
	CBD	3.5	1.75
	CBDA	0.3	0.15
	CBG	21.7	10.85
	CBGA	1.5	0.75
	CBN	6.5	3.25
	THCA	2.4	1.2
	THCV	11.1	5.55
	Leaf Trade total cannabinoids		433.8

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	☐	--
Salmonella	NT	☐	--
STEC	NT	☑	--
Pseudomonas	NT	☑	--
Aspergillus	NT	☐	--
Staph	NT	☑	--

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.