




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>	V0234	 Brandon Forsyth, PhD State Chemist
<b>Description:</b>	Casey Jones OG 1g	<b>MJ Batch Number:</b>	CART0216CJ	
<b>Collected By:</b>	Xavier Matheson	<b>Date Received:</b>	02/22/2022	
<b>Date Collected:</b>	02/18/2022	<b>Issue Date:</b>	02/17/2022	
<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	52.29%	522.90
THCA	NQ	NQ
Δ8-THC	20.96%	209.60
THCV	0.25%	2.50
CBD	6.67%	66.70
CBDA	<LOQ	<LOQ
CBDV	ND	ND
CBN	NQ	NQ
CBG	ND	ND
CBGA	<LOQ	<LOQ
CBC	ND	ND
CBCA	NQ	NQ

#### Foreign Matter Analysis

Analysis performed by visual inspection aided by magnification

Analyte	Result	Foreign Matter Found	Status
Foreign Matter	Detected	Oxidative browning in top layer of oil	PASS

## Microbial Analysis

### Analysis performed using plating methods

Analyte	Result (cfu/g)	Allowed Limit	Status
TAC	<250	10,000	PASS
TYM	<250	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    TNCT = Too Numerous to Count

- 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.*