


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: | V0184 |  Brandon Forsyth, PhD State Chemist |
| Description: | Lemon Cake | MJ Batch Number: | CAR1215LC | |
| Collected By: | Ries Trenary | Date Received: | 12/20/2021 | |
| Date Collected: | 12/17/2021 | Issue Date: | 01/03/2022 | |
| Quantity Received: | 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 | 80.64% | 806.40 |
| THCA | 0.07% | 0.70 |
| Δ8-THC | NQ | NQ |
| THCV | 1.53% | 15.30 |
| CBD | 1.19% | 11.90 |
| CBDA | ND | ND |
| CBDV | NQ | NQ |
| CBN | 1.05% | 10.50 |
| CBG | 2.23% | 22.30 |
| CBGA | 0.02% | 0.20 |
| CBC | 0.91% | 9.10 |
| CBCA | ND | ND |

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.