

**SAMPLE NAME:** Truffle Butter Breath

Flower, Hemp

**CULTIVATOR / MANUFACTURER****Business Name:****License Number:****Address:****DISTRIBUTOR / TESTED FOR****Business Name:** Meadow Maker  
Wellness LLC**License Number:****Address:****SAMPLE DETAIL****Batch Number:****Sample ID:** 240326Q014**Date Collected:** 03/26/2024**Date Received:** 03/26/2024**Batch Size:****Sample Size:****Unit Mass:****Serving Size:**Scan QR code to verify  
authenticity of results.**CANNABINOID ANALYSIS - SUMMARY****Total THC:** 21.09%

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:

Total THC =  $\Delta^9\text{-THC} + (\text{THCa} (0.877))$ 

Total CBD = CBD + (CBDa (0.877))

Sum of Cannabinoids =  $\Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \text{THCV} + \text{THCVA} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$ Total Cannabinoids =  $(\Delta^9\text{-THC} + 0.877\text{*THCa}) + (\text{CBD} + 0.877\text{*CBDa}) + (\text{CBG} + 0.877\text{*CBGa}) + (\text{THCV} + 0.877\text{*THCVA}) + (\text{CBC} + 0.877\text{*CBCa}) + (\text{CBDV} + 0.877\text{*CBDVa}) + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$ **Sum of Cannabinoids:** 54.69%**Total Cannabinoids:** 50.95%

For quality assurance purposes. Not a Regulatory Hemp Lab Test Report. These results relate only to the sample included on this report. This report shall not be reproduced, except in full, without written approval of the laboratory.

**References:** limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)

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Job Title: Senior Laboratory Analyst  
Date: 03/27/2024Approved by: Josh Wurzer  
Job Title: Chief Compliance Officer  
Date: 03/27/2024



TRUFFLE BUTTER BREATH | DATE ISSUED 03/27/2024

## Cannabinoid Analysis

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

**Method:** QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

### TOTAL THC: 21.09%

Total THC ( $\Delta^9$ -THC+0.877\*THCa)

### TOTAL CBD: 22.52%

Total CBD (CBD+0.877\*CBDa)

### TOTAL CANNABINOIDs: 50.95%

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) +  $\Delta^8$ -THC + CBL + CBN

### TOTAL CBG: 6.96%

Total CBG (CBG+0.877\*CBGa)

### TOTAL THCV: 0.075%

Total THCV (THCV+0.877\*THCVa)

### TOTAL CBC: 0.22%

Total CBC (CBC+0.877\*CBCa)

### TOTAL CBDV: 0.08%

Total CBDV (CBDV+0.877\*CBDVa)

### CANNABINOID TEST RESULTS - 03/27/2024

| COMPOUND                   | LOD/LOQ (mg/g) | MEASUREMENT UNCERTAINTY (mg/g) | RESULT (mg/g)     | RESULT (%)    |
|----------------------------|----------------|--------------------------------|-------------------|---------------|
| THCa                       | 0.04 / 0.24    | $\pm 7.641$                    | 238.03            | 23.803        |
| CBD                        | 0.1 / 0.3      | $\pm 9.58$                     | 224.9             | 22.49         |
| CBGa                       | 0.1 / 0.4      | $\pm 3.46$                     | 64.3              | 6.43          |
| CBG                        | 0.2 / 0.5      | $\pm 0.88$                     | 13.2              | 1.32          |
| $\Delta^9$ -THC            | 0.1 / 0.4      | $\pm 0.06$                     | 2.1               | 0.21          |
| CBCa                       | 0.1 / 0.4      | $\pm 0.10$                     | 1.4               | 0.14          |
| CBC                        | 0.1 / 0.2      | $\pm 0.04$                     | 1.0               | 0.10          |
| THCVa                      | 0.05 / 0.17    | $\pm 0.020$                    | 0.86              | 0.086         |
| CBDV                       | 0.1 / 0.3      | $\pm 0.04$                     | 0.8               | 0.08          |
| CBDa                       | 0.06 / 0.22    | $\pm 0.010$                    | 0.31              | 0.031         |
| $\Delta^8$ -THC            | 0.05 / 0.50    | N/A                            | ND                | ND            |
| THCV                       | 0.07 / 0.21    | N/A                            | ND                | ND            |
| CBDVa                      | 0.02 / 0.22    | N/A                            | ND                | ND            |
| CBL                        | 0.1 / 0.4      | N/A                            | ND                | ND            |
| CBN                        | 0.07 / 0.20    | N/A                            | ND                | ND            |
| <b>SUM OF CANNABINOIDs</b> |                |                                | <b>546.9 mg/g</b> | <b>54.69%</b> |