

**SAMPLE NAME: Alpha 2g disposable**

Concentrate, Hemp

**CULTIVATOR / MANUFACTURER**
**Business Name:**
**License Number:**
**Address:**
**DISTRIBUTOR / TESTED FOR**
**Business Name:** Medplex Labs

**License Number:**
**Address:**
**SAMPLE DETAIL**
**Batch Number:**
**Sample ID:** 240119R033

**Date Collected:** 01/19/2024

**Date Received:** 01/19/2024

**Batch Size:**
**Sample Size:** 1.0 units

**Unit Mass:** 2 grams per Unit

**Serving Size:**


Scan QR code to verify authenticity of results.

**CANNABINOID ANALYSIS - SUMMARY**
**Total THC: Not Detected**
**Total CBD: Not Detected**
**Sum of Cannabinoids: 58.69%**
**Total Cannabinoids: 58.69%**

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

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

$$\text{Total CBD} = \text{CBD} + (\text{CBDa} \cdot 0.877)$$

$$\text{Sum of Cannabinoids} = \Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} +$$

$$\text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$$

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

$$(\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) +$$

$$(\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta^8\text{-THC} + \text{CBL} + \text{CBN}$$

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.



 LQC verified by: Michael Pham  
 Job Title: Senior Laboratory Analyst  
 Date: 01/20/2024



 Approved by: Josh Wurzer  
 Job Title: Chief Compliance Officer  
 Date: 01/20/2024

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




## Cannabinoïd Analysis

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

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

### TOTAL THC: **Not Detected**

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

### TOTAL CBD: **Not Detected**

Total CBD (CBD+0.877\*CBDa)

### TOTAL CANNABINOIDS: **58.69%**

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

### TOTAL CBG: **ND**

Total CBG (CBG+0.877\*CBGa)

### TOTAL THCV: **ND**

Total THCV (THCV+0.877\*THCVa)

### TOTAL CBC: **ND**

Total CBC (CBC+0.877\*CBCa)

### TOTAL CBDV: **ND**

Total CBDV (CBDV+0.877\*CBDVa)

## CANNABINOID TEST RESULTS - 01/20/2024

| COMPOUND                   | LOD/LOQ (mg/g) | MEASUREMENT UNCERTAINTY (mg/g) | RESULT (mg/g)     | RESULT (%)    |
|----------------------------|----------------|--------------------------------|-------------------|---------------|
| $\Delta^8$ -THC            | 0.1 / 0.4      | ±35.76                         | 573.1             | 57.31         |
| CBN                        | 0.1 / 0.3      | ±0.70                          | 13.8              | 1.38          |
| $\Delta^9$ -THC            | 0.06 / 0.26    | N/A                            | ND                | ND            |
| THCa                       | 0.05 / 0.14    | N/A                            | ND                | ND            |
| THCV                       | 0.1 / 0.2      | N/A                            | ND                | ND            |
| THCVa                      | 0.07 / 0.20    | N/A                            | ND                | ND            |
| CBD                        | 0.07 / 0.29    | N/A                            | ND                | ND            |
| CBDa                       | 0.02 / 0.19    | N/A                            | ND                | ND            |
| CBDV                       | 0.04 / 0.15    | N/A                            | ND                | ND            |
| CBDVa                      | 0.03 / 0.53    | N/A                            | ND                | ND            |
| CBG                        | 0.06 / 0.19    | N/A                            | ND                | ND            |
| CBGa                       | 0.1 / 0.2      | N/A                            | ND                | ND            |
| CBL                        | 0.06 / 0.24    | N/A                            | ND                | ND            |
| CBC                        | 0.2 / 0.5      | N/A                            | ND                | ND            |
| CBCa                       | 0.07 / 0.28    | N/A                            | ND                | ND            |
| <b>SUM OF CANNABINOIDS</b> |                |                                | <b>586.9 mg/g</b> | <b>58.69%</b> |

### Unit Mass: 2 grams per Unit

|                              |                |
|------------------------------|----------------|
| $\Delta^9$ -THC per Unit     | ND             |
| Total THC per Unit           | ND             |
| CBD per Unit                 | ND             |
| Total CBD per Unit           | ND             |
| Sum of Cannabinoids per Unit | 1173.8 mg/unit |
| Total Cannabinoids per Unit  | 1173.8 mg/unit |