

**SAMPLE NAME:** Alpha Chocolates

Infused, Hemp

**CULTIVATOR / MANUFACTURER****Business Name:****License Number:****Address:****DISTRIBUTOR / TESTED FOR****Business Name:** Medplex Labs**License Number:****Address:****SAMPLE DETAIL****Batch Number:****Sample ID:** 240119R030**Date Collected:** 01/19/2024**Date Received:** 01/19/2024**Batch Size:****Sample Size:** 1.0 units**Unit Mass:****Serving Size:** 10.2 grams per ServingScan QR code to verify  
authenticity of results.**CANNABINOID ANALYSIS - SUMMARY****Total THC:** 0.075 mg/g**Total CBD:** Not Detected**Sum of Cannabinoids:** 7.91 mg/g**Total Cannabinoids:** 7.90 mg/g

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


Total CBD = CBD + (CBDa (0.877))

Sum of Cannabinoids =  $\Delta^9$ -THC + THCa + CBD + CBDa + CBG + CBGa +THCV + THCVa + CBC + CBCa + CBDV + CBDVa +  $\Delta^8$ -THC + CBL + CBNTotal Cannabinoids = ( $\Delta^9$ -THC+0.877\*THCa) + (CBD+0.877\*CBDa) +

(CBG+0.877\*CBGa) + (THCV+0.877\*THCVa) + (CBC+0.877\*CBCa) +

(CBDV+0.877\*CBDVa) +  $\Delta^8$ -THC + CBL + 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)

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## 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: 0.075 mg/g

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

### TOTAL CBD: Not Detected

Total CBD (CBD+0.877\*CBDa)

### TOTAL CANNABINOIDS: 7.90 mg/g

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	0.01 / 0.02	±0.377	7.65	0.765
CBN	0.001 / 0.007	±0.0049	0.170	0.0170
THCa	0.001 / 0.005	±0.0015	0.086	0.0086
$\Delta^9$ -THC	0.002 / 0.014	N/A	ND	ND
THCV	0.002 / 0.012	N/A	ND	ND
THCVa	0.002 / 0.019	N/A	ND	ND
CBD	0.004 / 0.011	N/A	ND	ND
CBDa	0.001 / 0.026	N/A	ND	ND
CBDV	0.002 / 0.012	N/A	ND	ND
CBDVa	0.001 / 0.018	N/A	ND	ND
CBG	0.002 / 0.006	N/A	ND	ND
CBGa	0.002 / 0.007	N/A	ND	ND
CBL	0.003 / 0.010	N/A	ND	ND
CBC	0.003 / 0.010	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
<b>SUM OF CANNABINOIDS</b>			<b>7.91 mg/g</b>	<b>0.791%</b>

## Serving Size: 10.2 grams per Serving

$\Delta^9$ -THC per Serving	ND
Total THC per Serving	0.765 mg/serving
CBD per Serving	ND
Total CBD per Serving	ND
Sum of Cannabinoids per Serving	80.68 mg/serving
Total Cannabinoids per Serving	80.58 mg/serving