

# Hemp Quality Assurance Testing CERTIFICATE OF ANALYSIS

DATE ISSUED 01/20/2024

# SAMPLE NAME: Relax Gummies

Infused, Hemp

# CULTIVATOR / MANUFACTURER

Business Name: License Number: Address:

#### SAMPLE DETAIL

Batch Number: Sample ID: 240119R028

# DISTRIBUTOR / TESTED FOR

Business Name: Medplex Labs License Number: Address:

Date Collected: 01/19/2024 Date Received: 01/19/2024 Batch Size: Sample Size: 1.0 units Unit Mass: Serving Size: 5.3 grams per Serving





Scan QR code to verify authenticity of results.

## CANNABINOID ANALYSIS - SUMMARY

Total THC: **1.890 mg/g** Total CBD: **24.776 mg/g** Sum of Cannabinoids: 27.18 mg/g Total Cannabinoids: 27.18 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 + CBN Total Cannabinoids =  $(\Delta^{9}$ -THC+0.877\*THCa) + (CBD+0.877\*CBDa) + (CBC+0.877\*CBGa) + (THCV+0.877\*THCVa) + (CBC+0.877\*CBCa) + (CBDV+0.877\*CBCA) +  $\Delta^{8}$ -THC + CBL + CBN

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

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

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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RELAX GUMMIES | DATE ISSUED 01/20/2024



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

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

TOTAL THC: 1.890 mg/g

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

## TOTAL CBD: 24.776 mg/g

Total CBD (CBD+0.877\*CBDa)

#### TOTAL CANNABINOIDS: 27.18 mg/g

 $\begin{array}{l} \mbox{Total Cannabinoids (Total THC) + (Total CBD) + \\ \mbox{(Total CBG) + (Total THCV) + (Total CBC) + } \\ \mbox{(Total CBDV) + $\Delta^8$-THC + CBL + CBN } \end{array}$ 

#### 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: 0.079 mg/g

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 (%)
CBD	0.004/0.011	±0.9241	24.776	2.4776
∆ <sup>9</sup> -THC	0.002/0.014	±0.1038	1.890	0.1890
∆ <sup>8</sup> -THC	0.01/0.02	±0.021	0.43	0.043
CBDV	0.002/0.012	±0.0032	0.079	0.0079
CBN	0.001/0.007	N/A	<loq< th=""><th><loq< th=""></loq<></th></loq<>	<loq< th=""></loq<>
THCa	0.001 / 0.005	N/A	ND	ND
THCV	0.002/0.012	N/A	ND	ND
THCVa	0.002/0.019	N/A	ND	ND
CBDa	0.001/0.026	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
SUM OF CANNABINOIDS			27.18 mg/g	2.718%

#### Serving Size: 5.3 grams per Serving

$\Delta^9$ -THC per Serving	10.017 mg/serving
Total THC per Serving	10.017 mg/serving
CBD per Serving	131.313 mg/serving
Total CBD per Serving	131.313 mg/serving
Sum of Cannabinoids per Serving	144.05 mg/serving
Total Cannabinoids per Serving	144.05 mg/serving