

SAMPLE NAME: CLRTY Cranberry Lime

Infused, Hemp

CULTIVATOR / MANUFACTURER
Business Name:
License Number:
Address:
DISTRIBUTOR / TESTED FOR
Business Name: CLRTY Company

License Number:
Address:
SAMPLE DETAIL
Batch Number: 2003

Sample ID: 240622S020

Date Collected: 06/22/2024

Date Received: 06/22/2024

Batch Size:
Sample Size: 1.0 units

Unit Mass: 354.882 milliliters per Unit

Serving Size: 177.441 milliliters per Serving


Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY
Total THC: 10.8594 mg/unit

Total CBD: 0.1774 mg/unit

Sum of Cannabinoids: 11.4982 mg/unit

Total Cannabinoids: 11.4982 mg/unit

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

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

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

$$\begin{aligned} \text{Sum of Cannabinoids} = & \Delta^9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \\ & \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta^8\text{-THC} + \text{CBL} + \text{CBN} \\ \text{Total Cannabinoids} = & (\Delta^9\text{-THC} + 0.877 \cdot \text{THCa}) + (\text{CBD} + 0.877 \cdot \text{CBDa}) + \\ & (\text{CBG} + 0.877 \cdot \text{CBGa}) + (\text{THCV} + 0.877 \cdot \text{THCVa}) + (\text{CBC} + 0.877 \cdot \text{CBCa}) + \\ & (\text{CBDV} + 0.877 \cdot \text{CBDVa}) + \Delta^8\text{-THC} + \text{CBL} + \text{CBN} \end{aligned}$$
Density: 0.9924 g/mL

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: Yasmin Kakkar
Job Title: Senior Laboratory Analyst
Date: 06/25/2024

Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 06/25/2024

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



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: 10.8594 mg/unit

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 0.1774 mg/unit

Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 11.4982 mg/unit

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

TOTAL CBG: ND

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: <LOQ

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 - 06/25/2024

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
Δ^9 -THC	0.0001 / 0.0005	± 0.00168	0.0306	0.00308
Δ^8 -THC	0.0003 / 0.0008	± 0.00006	0.0013	0.00013
CBD	0.0001 / 0.0004	± 0.00002	0.0005	0.00005
THCV	0.0001 / 0.0005	N/A	<LOQ	<LOQ
THCa	0.0001 / 0.0002	N/A	ND	ND
THCVa	0.0001 / 0.0007	N/A	ND	ND
CBDa	0.0001 / 0.0010	N/A	ND	ND
CBDV	0.0001 / 0.0005	N/A	ND	ND
CBDVa	0.0001 / 0.0007	N/A	ND	ND
CBG	0.0001 / 0.0002	N/A	ND	ND
CBGa	0.0001 / 0.0003	N/A	ND	ND
CBL	0.0001 / 0.0004	N/A	ND	ND
CBN	0.0001 / 0.0003	N/A	ND	ND
CBC	0.0001 / 0.0004	N/A	ND	ND
CBCa	0.0001 / 0.0006	N/A	ND	ND
SUM OF CANNABINOIDS			0.0324 mg/mL	0.00326%

Unit Mass: 354.882 milliliters per Unit / Serving Size: 177.441 milliliters per Serving

Δ^9 -THC per Unit	10.8594 mg/unit
Δ^9 -THC per Serving	5.4297 mg/serving
Total THC per Unit	10.8594 mg/unit
Total THC per Serving	5.4297 mg/serving
CBD per Unit	0.1774 mg/unit
CBD per Serving	0.0887 mg/serving
Total CBD per Unit	0.1774 mg/unit
Total CBD per Serving	0.0887 mg/serving
Sum of Cannabinoids per Unit	11.4982 mg/unit
Sum of Cannabinoids per Serving	5.7491 mg/serving
Total Cannabinoids per Unit	11.4982 mg/unit
Total Cannabinoids per Serving	5.7491 mg/serving

DENSITY TEST RESULT

0.9924 g/mL

Tested 06/25/2024

Method: QSP 7870 - Sample Preparation