Hemp Quality Assurance Testing

CERTIFICATE OF ANALYSIS

DATE ISSUED 08/28/2021

SAMPLE NAME: Verlota Calm Oral Spray 1000

Infused, Hemp Infused

CULTIVATOR / MANUFACTURER

Business Name:
License Number:
Address:

DISTRIBUTOR / TESTED FOR

Business Name: Verlota
License Number:
Address:

SAMPLE DETAIL

Batch Number: 6052013973
Sample ID: 210826R018

Date Collected: 08/26/2021
Date Received: 08/26/2021
Batch Size:
Sample Size: 30.0 units
Unit Mass: 30 milliliters per Unit
Serving Size:

Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: Not Detected

Total CBD: 1095.510 mg/unit

Sum of Cannabinoids: 1102.410 mg/unit

Total Cannabinoids: 1102.410 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:
Total THC = Δ9THC + (THCa (0.877))
Total CBD = CBD + (CBDa (0.877))
Sum of Cannabinoids = Δ9THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa + Δ8THC + CBL + CBN
Total Cannabinoids = (Δ9THC+0.877*THCa) + (CBD+0.877*CBDa) + (CBG+0.877*CBGa) + (THCV+0.877*THCVa) + (CBC+0.877*CBCa) + (CBDV+0.877*CBDVa) + Δ8THC + CBL + CBN

Density: 0.9483 g/mL

For quality assurance purposes. Not a Pre-Harvest 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.

Sample Certification: Action Limits used in this report are a compilation of guidance from state regulatory agencies in all states. Action limits for required tests are either state-specific, or the lower of any conflicting state regulations based upon the panel requested.

Decision Rule: Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS – Results within limits/specifications, FAIL – Results exceed limits/specifications.

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

LQC verified by: Kevin Flores
Date: 08/28/2021

Approved by: Josh Wurzer, President
Date: 08/28/2021

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: Not Detected
Total THC (Δ9THC+0.877*THCa)

TOTAL CBD: 1095.510 mg/unit
Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 1102.410 mg/unit
Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ8THC + 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: 6.900 mg/unit
Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 08/28/2021

COMPOUND	LOD/LOQ (mg/mL)	MEASUREMENT UNCERTAINTY (mg/mL)	RESULT (mg/mL)	RESULT (%)
CBD	*0.080 / 0.220*	*±1.7492*	36.517	3.8508
CBDV	*0.040 / 0.240*	*±0.0121*	0.230	0.0243
Δ9THC	*0.040 / 0.280*	*N/A*	ND	ND
Δ8THC	*0.20 / 0.40*	*N/A*	ND	ND
THCa	*0.020 / 0.100*	*N/A*	ND	ND
THCV	*0.040 / 0.240*	*N/A*	ND	ND
THCVa	*0.040 / 0.380*	*N/A*	ND	ND
CBDa	*0.020 / 0.520*	*N/A*	ND	ND
CBDVa	*0.020 / 0.360*	*N/A*	ND	ND
CBG	*0.040 / 0.120*	*N/A*	ND	ND
CBGa	*0.040 / 0.140*	*N/A*	ND	ND
CBL	*0.060 / 0.200*	*N/A*	ND	ND
CBN	*0.020 / 0.140*	*N/A*	ND	ND
CBC	*0.060 / 0.200*	*N/A*	ND	ND
CBCa	*0.020 / 0.300*	*N/A*	ND	ND
SUM OF CANNABINOIDS			36.747 mg/mL	3.875%

Unit Mass: 30 milliliters per Unit

Δ9THC per Unit	ND
Total THC per Unit	ND
CBD per Unit	1095.510 mg/unit
Total CBD per Unit	1095.510 mg/unit
Sum of Cannabinoids per Unit	1102.410 mg/unit
Total Cannabinoids per Unit	1102.410 mg/unit

DENSITY TEST RESULT

0.9483 g/mL

Tested 08/28/2021

Method: QSP 7870 - Sample Preparation