Hemp Quality Assurance Testing

CERTIFICATE OF ANALYSIS

DATE ISSUED 02/07/2024

SAMPLE NAME: R3 Nano Bursts

Infused, Hemp Infused

CULTIVATOR / MANUFACTURER

Business Name:
License Number:
Address:

DISTRIBUTOR / TESTED FOR

Business Name: Smart CBD Solutions, LLC
License Number:
Address:

SAMPLE DETAIL

Batch Number:
Sample ID: 240206R007

Date Collected: 02/06/2024
Date Received: 02/07/2024
Batch Size:
Sample Size: 1.0 units
Unit Mass: 88.47 grams per Unit
Serving Size: 2.949 grams per Serving

Scan QR code to verify authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 1.681 mg/unit

Total CBD: 329.816 mg/unit

Sum of Cannabinoids: 337.602 mg/unit

Total Cannabinoids: 337.602 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 = Δ^9-THC + (THCa (0.877))
Total CBD = CBD + (CBDa (0.877))
Sum of Cannabinoids = Δ^9-THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa + Δ^8-THC + CBL + CBN
Total Cannabinoids = (Δ^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) + Δ^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.

Sample Certification: Action Limits used in this report are a compilation of guidance from state regulatory agencies in all states except Alaska. Action limits for required tests are the lower of any conflicting state regulations.

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: Yasmin Kakkar
Job Title: Senior Laboratory Analyst
Date: 02/07/2024

Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 02/07/2024

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: 1.681 mg/unit
Total THC (Δ^9-THC+0.877*THCa)

TOTAL CBD: 329.816 mg/unit
Total CBD (CBD+0.877*CBDa)

TOTAL CANNABINOIDS: 337.602 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: ND
Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 1.504 mg/unit
Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 3.362 mg/unit
Total CBDV (CBDV+0.877*CBDVa)

CANNABINOID TEST RESULTS - 02/07/2024

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	*0.004 / 0.011*	*±0.1391*	3.728	0.3728
CBDV	*0.002 / 0.012*	*±0.0016*	0.038	0.0038
Δ^9-THC	*0.002 / 0.014*	*±0.0010*	0.019	0.0019
CBC	*0.003 / 0.010*	*±0.0005*	0.017	0.0017
CBN	*0.001 / 0.007*	*±0.0004*	0.014	0.0014
Δ^8-THC	*0.01 / 0.02*	*N/A*	ND	ND
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
CBCa	*0.001 / 0.015*	*N/A*	ND	ND
SUM OF CANNABINOIDS			3.816 mg/g	0.3816%

Unit Mass: 88.47 grams per Unit / Serving Size: 2.949 grams per Serving

Δ^9-THC per Unit	1.681 mg/unit
Δ^9-THC per Serving	0.056 mg/serving
Total THC per Unit	1.681 mg/unit
Total THC per Serving	0.056 mg/serving
CBD per Unit	329.816 mg/unit
CBD per Serving	10.994 mg/serving
Total CBD per Unit	329.816 mg/unit
Total CBD per Serving	10.994 mg/serving
Sum of Cannabinoids per Unit	337.602 mg/unit
Sum of Cannabinoids per Serving	11.253 mg/serving
Total Cannabinoids per Unit	337.602 mg/unit
Total Cannabinoids per Serving	11.253 mg/serving