

CERTIFICATE OF ANALYSIS

CUSTOMER INFORMATION

Customer: Advanced Analytics Association of VA
Sample Received On: 09/08/2023
Date COA Released: 09/18/2023

SAMPLE INFORMATION

Sample Name: Pure Shenandoah
Sample Description: Biomass
Sample ID: SAMPLE- 15231
Batch ID: 51_2023_VG825_VG_034_GH



The Gravel (Pre-harvest-Compliant)

CANNABINOID POTENCY				Date Tested: 09/12/2023
				Operator: Dan Blader
ANALYTE	LOD (mg/g)	LOQ (mg/g)	Concentration (mg/g)	Concentration (%)
CBD	0.07	0.23	6.46	0.65
CBDA	0.07	0.23	40.82	4.08
delta9 THC	0.07	0.23	0.85	0.08
delta9 THCA	0.07	0.23	1.28	0.13
CBG	0.07	0.23	ND	ND
CBGA	0.07	0.23	1.08	0.11
CBC	0.07	0.23	0.48	0.05
CBCA	0.07	0.23	1.71	0.17
CBDV	0.07	0.23	ND	ND
CBDVA	0.07	0.23	ND	ND
THCV	0.07	0.23	ND	ND
THCVA	0.07	0.23	ND	ND
CBN	0.07	0.23	ND	ND
delta8 THC	0.07	0.23	ND	ND
Total CBD			42.26	4.23
Total THC			1.97	0.20

The sample was analyzed for cannabinoids following SOP-VA-1149 Cannabinoid Potency.

Total CBD = CBDA * 0.877 + CBD

Total delta-9 THC = THCA * 0.877 + delta-9 THC

The Measurement Uncertainty for Total THC at 0.3% is +/-0.05%. The range for Total THC is 0.25%-0.35%.

ND = Not Detected, LOD = Limit of Detection, LOQ = Limit of Quantification

PPM = Parts per Million = mg/kg, PPB = Parts per Billion = ug/kg, CFU/g = Colony Forming Units per gram

Results below the LOQ are reported as ND.

Action limits are set by the Virginia Board of Pharmacy, Regulations Governing Pharmaceutical Processors. 18VAC 110-60-300.

Where statements of conformity are reported ('pass' vs 'fail'), the simple acceptance decision rule is applied.

Testing results are based solely on the sample submitted to Green Analytics Virginia in the condition it was received. This product has been tested by Green Analytics Virginia using valid testing methodologies. Values reported relate only to the product tested. Values reported may be an average of multiple test results. Green Analytics Virginia makes no claims as to the efficacy, safety, or other risks with any detected or non-detected levels of any compound reported herein. This Certificate of Analysis shall not be reproduced except in full with the express written consent of the Green Analytics Virginia.

Prepared by:

Approved by:

Shawn Manns

Rebecca Hobden

Shawn Manns, Lab Manager

Rebecca Hobden, Lab Director

Indica Dom
Effect: Relaxing + uplifting
Terps: Myrcene, Camphyllene, Limonene + Pinene
Flavor: floral, citrus, piney

CERTIFICATE OF ANALYSIS

CUSTOMER INFORMATION

Customer: Shenandoah Valley Hemp
Sample Received On: 11/20/2023
Date COA Released: 11/24/2023

SAMPLE INFORMATION

Sample Name: The Grand 2023 season
Sample Description: Flower-Cured
Sample ID: SAMPLE- 16113



TERPENE PROFILE		Date Tested: 11/20/2023 Operator: Shawn Manns
ANALYTE	Concentration (mg/g)	Concentration (%)
α -Pinene	2.552	0.26
Camphene	0.000	0.00
β -Pinene	1.446	0.14
Myrcene	14.162	1.42
α -Terpinene	0.000	0.00
Limonene	2.725	0.27
Ocimene	0.183	0.02
γ -Terpinene	0.000	0.00
Terpinolene	0.195	0.02
Linalool	0.562	0.06
α -Humulene	1.785	0.18
β -Caryophyllene	6.032	0.60
Δ^3 -Carene	0.000	0.00
Cineole/Eucalyptol	0.000	0.00
Isopulegol	0.000	0.00
α -Bisabolol	0.949	0.09
p-Cymene	0.000	0.00

The sample was analyzed for terpenes using Head-Space GasChromatography with Mass Spectrometric detection (GC-MS) following SOP-VA-1539. The LOQ for the method is 10ppm or 0.001%.

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