

CUSTOMER INFORMATION

Customer: Shenandoah Valley Hemp
Sample Received On: 11/07/2024
Date COA Released: 11/08/2024

SAMPLE INFORMATION

Sample Name: 2024 Mountain Mango
Sample Description: Flower-Cured
Sample ID: SAMPLE- 21405
Batch ID: 0061630020085675



CANNABINOID POTENCY		Date Tested: 11/07/2024 Operator: Dan Blader
ANALYTE	Concentration (mg/g)	Concentration (%)
CBD	ND	ND
CBDA	126.91	12.691
delta9 THC	ND	ND
delta9 THCA	4.12	0.412
CBG	ND	ND
CBGA	1.81	0.181
CBC	ND	ND
CBCA	13.67	1.367
CBDV	ND	ND
CBDVA	ND	ND
THCV	ND	ND
THCVA	ND	ND
CBN	ND	ND
delta8 THC	ND	ND
Total CBD	111.30	11.130
Total THC	3.61	0.361

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

Results are reported on a dry-weight basis:

Concentration = Concentration of Wet Samples / (1 - Moisture Concentration)

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TERPENE PROFILE		Date Tested: 11/07/2024 Operator: Haley Egeland
ANALYTE	Concentration (mg/g)	Concentration (%)
α-Pinene	1.39	0.14
Camphene	ND	ND
β-Pinene	0.70	0.07
Myrcene	8.02	0.80
α-Terpinene	ND	ND
Limonene	0.83	0.08
Ocimene	ND	ND
γ-Terpinene	ND	ND
Terpinolene	ND	ND
Linalool	ND	ND
α-Humulene	1.35	0.13
β-Caryophyllene	3.20	0.32
Δ3-Carene	ND	ND
Cineole/Eucalyptol	ND	ND
Isopulegol	ND	ND
α-Bisabolol	1.01	0.10
p-Cymene	ND	ND

The sample was analyzed for terpenes using gas chromatography with mass spectrometric detection (GC-MS) following SOP-VA-1539.

ND = Not Detected, LOD = Limit of Detection, LOQ = Limit of Quantification, MRL=Minimum Reporting Limit
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 according to Commonwealth of Virginia: 3VAC10-60-20.

Where statements of conformity are reported ('pass' vs 'fail'), the simple acceptance decision rule is applied. The measurement uncertainty associated with each test method may impact the certainty with which a statement of conformity is made. This is a simplified report; however, measurement uncertainty, limit of detection and quantification values, and minimum reporting limits are available upon request.

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 without the express written consent of Green Analytics Virginia.

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