

Green Analytics VA
10338 Stony Run Lane
Ashland, VA, 23005
540-682-3765
www.greenanalyticlabs.com
info_va@greenanalyticlabs.com

Tested

Customer Name: Shenandoah Valley Hemp	Sample Name: Calm 1500 Tincture
Sample Received On: 05/26/2026	Sample Description: Tincture
Date COA Released: 5/29/2026	Sample ID: 31980
	Batch ID: 0781630020091234

Cannabinoid Potency			Date Tested: 05/26/2026
			Operator: Dan Blader
Analyte	Concentration (mg/g)	Concentration (%)	
CBD	52.63	5.263	
Δ9-THC	1.43	0.143	
CBC	ND	ND	
CBCA	ND	ND	
CBDA	ND	ND	
CBDV	ND	ND	
CBDVA	ND	ND	
CBG	ND	ND	
CBGA	ND	ND	
CBN	ND	ND	
Δ8-THC	ND	ND	
Δ9-THCA	ND	ND	
THCV	ND	ND	
THCVA	ND	ND	
Total Cannabinoids	54.06	5.406	
Total THC	1.43	0.143	
Total CBD	52.63	5.263	

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 for flower matrices are reported on a dry-weight basis:
 Concentration = Concentration of Flower Samples / (1 - Moisture Concentration)

Test ID: #36024

Terpene Profile						Date Tested: 05/26/2026
						Operator: Haley Egeland
Analyte	Concentration (mg/g)	Concentration (%)	Analyte	Concentration (mg/g)	Concentration (%)	
Linalool	1.33	0.133	p-Cymene	ND	ND	
Δ3-Carene	ND	ND	Limonene	ND	ND	
α-Bisabolol	ND	ND	Cineole/Eucalyptol	ND	ND	
α-Humulene	ND	ND	γ-Terpinene	ND	ND	
α-Pinene	ND	ND	Isopulegol	ND	ND	
α-Terpinene	ND	ND	Myrcene	ND	ND	
β-Caryophyllene	ND	ND	Ocimene	ND	ND	
β-Pinene	ND	ND	Terpinolene	ND	ND	
Camphene	ND	ND	Total Terpenes	1.33	0.133	

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

Test ID: #36027



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Pesticides		Date Tested: 05/27/2026 Operator: Shawn Manns	
Analyte	Result (ppm)	Analyte	Result (ppm)
Abamectin	ND	Imazalil	ND
Acephate	ND	Imidacloprid	ND
Acequinocyl	ND	Kresoxim-methyl	ND
Acetamiprid	ND	Malathion	ND
Aldicarb	ND	Metalaxyl	ND
Azoxystrobin	ND	Methiocarb	ND
Bifenazate	ND	Methomyl	ND
Bifenthrin	ND	Methyl Parathion	ND
Boscalid	ND	MGK-264	ND
Carbaryl	ND	Myclobutanil	ND
Carbofuran	ND	Naled	ND
Chlorantraniliprole	ND	Oxamyl	ND
Chlorfenapyr	ND	Paclobutrazol	ND
Chlorpyrifos	ND	Permethrins	ND
Clofentezine	ND	Phosmet	ND
Cyfluthrin	ND	Piperonyl butoxide	ND
Cypermethrin	ND	Prallathrin	ND
Daminozide	ND	Propiconazole	ND
Diazinon	ND	Propoxur	ND
Dichlorvos	ND	Pyrethrins	ND
Dimethoate	ND	Pyridaben	ND
Ethoprophos	ND	Spinosad	ND
Etofenprox	ND	Spiromesifen	ND
Etoazole	ND	Spirotetramat	ND
Fenoxycarb	ND	Spiroxamine	ND
Fenpyroximate	ND	Tebuconazole	ND
Fipronil	ND	Thiacloprid	ND
Fonicamid	ND	Thiamethoxam	ND
Fludioxonil	ND	Trifloxystrobin	ND
Hexythiazox	ND		

The sample was analyzed for pesticides using liquid chromatography with mass spectrometric detection (LC-MS/MS) following SOP-VA-1581.

Test ID: #36028

Heavy Metals		Date Tested: 05/28/2026 Operator: Dan Blader	
Analyte	Results (ppm)		
Arsenic	ND		
Cadmium	ND		
Lead	ND		
Mercury	ND		

The sample was analyzed for heavy metals in inductively coupled plasma with mass spectrometry (ICP-MS) following SOP-VA-1165.

Test ID: #36026



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	Batch ID: 0781630020091234

Mycotoxins		Date Tested: 05/27/2026 Operator: Shawn Manns
Analyte	Results (ppb)	
Ochratoxin A	ND	
Total Aflatoxins	ND	
The sample was analyzed for mycotoxins using liquid chromatography with mass spectrometric detection (LC-MS/MS) following SOP-VA-1581.		
Test ID: #36030		

Microbiological Impurity		Date Tested: 05/28/2026 Operator: Sarah Earles
Microbe	Result	
Total Aerobic Microbial Count	110	
Total Yeast and Mold Count	ND	
Microbe	Result	
E. Coli	Absent	
The sample was analyzed for microbial contamination using either qPCR or Petrifilm that follow SOP-701, 702, 703-GA or SOP-VA-1382. Results are reported in CFU/gram.		
Test IDs: #36029		

Residual Solvents		Date Tested: 05/27/2026 Operator: Haley Egeland
Analyte	Results (ppm)	
2-Propanol (isopropanol)	ND	
Butane	ND	
Ethanol	ND	
Ethyl Acetate	ND	
Ethyl Ether	ND	
n-Heptane	ND	
n-Hexane	ND	
n-Pentane	ND	
Propane	ND	
The sample was analyzed for residual solvents using gas chromatography with mass spectrometric detection (GC-MS) following SOP-VA-1301.		
Test ID: #36025		



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		Batch ID:	0781630020091234

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.

Prepared by:



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5/29/2026

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5/29/2026

