# **PRODUCT INFO SHEET**

Green Mountain Scientific Corp. PO Box 699 Morrisville, Vermont 05661 (877) 256 0007 MANU0019



	PRODUCT	INFORMATION					
Product Code:	1010099	Category:	Emulsions/Tinctures				
Product Name: 600MG-30G Unflavored NanoGx Infusion							
Unit Size:	30 g						
Serving Size:	0.25 Dropper (1/4)						
Servings Per Unit:	120						
Appearance:	White to off-white op	aque liquid					
Odor:	Characteristic						
pH	3.6						
	PRODU	CT POTENCY					
D9-THC	2.0%	20 mg/g	(16 - 24 mg/g)				
D9-THC Per Unit	600 mg		2004 %				
D9-THC Per Serving	5 mg	Acceptable Variability	20%*				
*Analytical variability reported	as 8.1% (95% CI)		1				

#### **INGREDIENTS**

Purified Water, D9-THC Cannabis Distillate, Glyceryl Mono-Medium Chain Esters & Triglycerides, Natural Flavor Oils, Acacia Gum, Citric Acid, Potassium Sorbate.

#### **PACKAGING**

- 1. 40042: https://www.containerandpackaging.com/products/12/glass-boston-round/G841BL
- 2. 40043: https://www.containerandpackaging.com/products/13/dropper-assembly/M661BK-L25

SPC.101099.1 Page 1 of 1



# **Certificate of Analysis**

•

Client Name: Green Mountain Scientific Corp.

License Number: MANU0019

Sample ID: VT3798

Sample Name: 600MG-30G Unflavored NanoGx

Sample Lot: 1010099
Sample Matrix: Tinctures
Date Received: 9/28/2023

Date Reported: 10/4/2023

**Date Tested:** 10/3/2023



Total Cannabinoids						
	%	mg/g	mg/mL	mg/unit		
Total THC:	1.800	18.003	18.455	553.650		
Total CBD:				0.000		
Total Cannabinoids:	1.800	18.003	18.455	553.650		
Unit Volume (mL): 30						

Total theoretical CBD % = (CBD%) + (CBDA% \* 0.877)
Total theoretical THC % = (delta-9-THC%) + (THCA% \* 0.877)

## **Potency**

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC; SOP-024-0A) | Test ID: #9045

%	mg/g	mg/mL	mg/unit	LOD (mg/g)	LOQ (mg/g)	
< LOQ	< LOQ	< LOQ	<loq< th=""><th>0.0003</th><th>0.0040</th><th></th></loq<>	0.0003	0.0040	
ND	ND	ND	ND	0.0002	0.0040	
ND	ND	ND	ND	0.0008	0.0040	
ND	ND	ND	ND	0.0002	0.0040	
ND	ND	ND	ND	0.0008	0.0040	
ND	ND	ND	ND	0.0001	0.0040	
< LOQ	< LOQ	< LOQ	<loq< th=""><th>0.0009</th><th>0.0040</th><th></th></loq<>	0.0009	0.0040	
ND	ND	ND	ND	0.0001	0.0040	
ND	ND	ND	ND	0.0004	0.0040	
ND	ND	ND	ND	0.0002	0.0040	
ND	ND	ND	ND	0.0012	0.0040	
1.8003	18.003	18.455	553.65	0.0016	0.0049	
< LOQ	< LOQ	< LOQ	<loq< th=""><th>0.0004</th><th>0.0040</th><th></th></loq<>	0.0004	0.0040	
ND	ND	ND	ND	0.0002	0.0040	
ND	ND	ND	ND	0.0016	0.0049	
ND	ND	ND	ND	0.0002	0.0040	
	< LOQ ND ND ND ND ND < LOQ ND ND ND ND ND ND 1.8003 < LOQ ND ND	< LOQ	< LOQ	< LOQ	< LOQ	< LOQ





Page 1 of 1



# **Certificate of Analysis**

<u>.</u>

Client Name: Green Mountain Scientific Corp.

License Number: MANU0019

Sample ID: VT1830

Sample Name: Type I 1st Pass Distillate

Sample Lot: MANU001923D11

Sample Matrix: Solvent Extraction Concentrates

Date Received: 5/31/2023 Date Reported: 6/6/2023 Date Tested: 6/6/2023



Total Cannabinoids						
	%	mg/g				
Total THC:	59.933	599.328				
Total CBD:	1.176	11.760				
Total Cannabinoids:	65.841	658.411				

Total theoretical CBD % = (CBD%) + (CBDA% \* 0.877)
Total theoretical THC % = (delta-9-THC%) + (THCA% \* 0.877)

### **Potency**

Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC; SOP-024-0A) | Test ID: #3483

	Analyte	%	mg/g	LOD (mg/g)	LOQ (mg/g)
Ī	CBDV	ND	ND	0.0008	0.0040
	CBDVA	ND	ND	0.0001	0.0040
	THCV	2.0208	20.208	0.0016	0.0049
	CBDA	ND	ND	0.0002	0.0040
	CBD	1.176	11.76	0.0008	0.0040
	CBG	1.3301	13.301	0.0009	0.0040
	CBGA	ND	ND	0.0001	0.0040
	THCVA	ND	ND	0.0002	0.0040
	CBN	< LOQ	< LOQ	0.0004	0.0040
	CBCVA	ND	ND	0.0004	0.0040
	D9 THC	59.9328	599.328	0.0016	0.0049
	D8 THC	ND	ND	0.0012	0.0040
	CBNA	ND	ND	0.0002	0.0040
	D10 THC	ND	ND	0.0004	0.0040
	CBC	1.3814	13.814	0.0003	0.0040
	THCA	< LOQ	< LOQ	0.0002	0.0040
	CBCA	ND	ND	0.0002	0.0040







# **Certificate of Analysis**

Client Name: Green Mountain Scientific Corp.

License Number: MANU0019

Sample ID: VT1830

Sample Name: Type I 1st Pass Distillate

Sample Lot: MANU001923D11

Sample Matrix: Solvent Extraction Concentrates

**Date Received: 5/31/2023** Date Reported: 6/6/2023

**Date Tested:** 



### **Residual Solvents**

#### **Pass**

Residual solvents and processing chemicals analysis utilizing Headspace Gas Chromatography - Mass Spectrometry (HS-GC-MS; SOP-010-OA) - Limit units: μg/g | Test ID: #3484

Analyte	Pass/Fail	Result (ppm)	Limit	LOD (ppm)	LOQ (ppm)
Acetone	Pass	< LOQ	5000.000	17.008	51.538
Acetonitrile	Pass	< LOQ	410.000	4.017	12.172
Benzene	Pass	< LOQ	2.000	0.163	0.495
Chloroform	Pass	< LOQ	60.000	0.489	1.482
Ethanol	Pass	< LOQ	5000.000	44.183	133.887
Heptanes (total)	Pass	< LOQ	5000.000	62.270	188.696
Hexanes (total)	Pass	< LOQ	290.000	1.322	4.005
Isopropyl Alcohol	Pass	< LOQ	5000.000	2.364	7.162
Methanol	Pass	< LOQ	3000.000	27.126	82.201
Methylene Chloride	Pass	< LOQ	600.000	4.046	12.260
Toluene	Pass	< LOQ	890.000	6.317	19.143
Xylenes (total)	Pass	< LOQ	2170.000	19.426 14.858 *	58.868 45.024 *
Additional Solvent Analytes					
Propane	Pass	< LOQ	5000.000	110.712	335.490
2-Methylpropane	Pass	< LOQ	5000.000	150.773	456.887
2,2-Dimethylbutane	Pass	< LOQ	5000.000	2.869	8.693
2,3-Dimethylbutane	Pass	< LOQ	5000.000	1.944	5.892
n-Butane	Pass	< LOQ	5000.000	152.350	461.667
2-Methylpentane	Pass	< LOQ	5000.000	1.664	5.042
3-Methylpentane	Pass	< LOQ	5000.000	2.056	6.231
Isopentane	Pass	< LOQ	5000.000	137.828	417.661
n-Pentane	Pass	< LOQ	5000.000	136.677	414.172
Neopentane	Pass	< LOQ	5000.000	28.431	86.154

<sup>\*</sup> Xylenes action limit represents sum of m,p-Xylene and o-Xylene







# **Certificate of Analysis**

Client Name: Green Mountain Scientific Corp.

License Number: MANU0019

Sample ID: VT1830

Sample Name: Type I 1st Pass Distillate

Sample Lot: MANU001923D11

Sample Matrix: Solvent Extraction Concentrates

**Date Received: 5/31/2023** Date Reported: 6/6/2023 Date Tested: 6/2/2023



**Pesticides Pass** 

Residual pesticide analysis utilizing Liquid Chromatography - Mass Spectrometry (LC-MSMS; SOP-070-0A) - Limit units: ppm | Test |D:

Analyte	Pass/Fail	Result (ppm)	Limit	LOD (ppm)	LOQ (ppm)
Abamectin B1a	Pass	ND	0.10000	0.00156	0.01560
Abamectin B1b	Pass	ND	0.10000	0.00011	0.00110
Acephate	Pass	ND	0.10000	0.00168	0.01680
Acequinocyl	Pass	ND	0.10000	0.00167	0.01670
Azoxystrobin	Pass	ND	0.10000	0.00168	0.01680
Bifenazate	Pass	ND	0.10000	0.00167	0.01670
Bifenthrin	Pass	ND	3.00000	0.00167	0.01670
Carbaryl	Pass	ND	0.50000	0.00167	0.01670
Chlorpyrifos	Pass	ND	0.04000	0.00167	0.01670
Cypermethrin	Pass	ND	1.00000	0.00168	0.01680
Etoxazole	Pass	ND	0.10000	0.00168	0.01680
lmazalil	Pass	ND	0.04000	0.00167	0.01670
Imidacloprid	Pass	ND	5.00000	0.00166	0.01660
Myclobutanil	Pass	ND	0.10000	0.00167	0.01670
Spinosyn A	Pass	ND	0.10000	0.00120	0.01199
Spinosyn D	Pass	ND	0.10000	0.00042	0.00415
Pyrethrins	Pass	ND	0.50000	0.00022 0.00498 *	0.00072 0.00015 *

<sup>\*</sup> Pyrethrins action limit represents sum of isomers I & II







# **Certificate of Analysis**

Client Name: Green Mountain Scientific Corp.

License Number: MANU0019

Sample ID: VT1830

Sample Name: Type I 1st Pass Distillate

Sample Lot: MANU001923D11

Sample Matrix: Solvent Extraction Concentrates

**Date Received: 5/31/2023** Date Reported: 6/6/2023 Date Tested: 6/2/2023



## **Heavy Metals**

**PASS** 

Heavy metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS; SOP-072-OA) - Limit units: μg/kg | Test ID: #3486

Analyte	Pass/Fail	Result (ug/kg)	Limit	LOD (ug/kg)	LOQ (ug/kg)
Arsenic	PASS	< LOQ	1.500	0.00130	0.050
Cadmium	PASS	< LOQ	0.500	0.00002	0.050
Lead	PASS	< LOQ	1.000	0.00095	0.050
Mercury	PASS	< LOQ	1.500	0.00020	0.050







Company: Green Mountain Ganja Guys Sample ID: Harvest Lot

 2728 US Rt 7N
 Lot: N/A
 Report Date: 11/16/2022

 Rutland, VT 05701
 Matrix: Flower
 Date Analyzed: 11/16/2022

Grower License #: CLVT0032 Date Received: 10/27/2022 Report ID: C221027AR

## **Pathogen Summary**

Target Pathogens	Target Pathogens Method LOD (cfu/g)		Result (cfu/g)
Aspergillus - flavus, fumigatus, niger, terreus	Aspergillus AOAC PTM No. 032104	5	<lod< td=""></lod<>
STEC	STEC Virx AOAC PTM No. 121203	5	<lod< td=""></lod<>
Salmonella spp.	Salmonella II AOAC PTM No. 010803	5	<lod< td=""></lod<>



Test Methodology: Bio-Rad IQ-Check PCR Kits

cfu/g = colony forming units per gram

LOD = The lowest quantity that this method can reliably detect. Any microbial growth that was not detected is assumed to be less than the stated LOD (<LOD).

Reagent Blanks: <LOD for all analytes

This report shall not be reproduced except in full without approval of the laboratory. This is to provide assurance that parts of a report are not taken out of context. Results apply to the samples as received.

Certified by: Luke K.M

# **PRODUCT INFO SHEET**

Green Mountain Scientific Corp. PO Box 699 Morrisville, Vermont 05661 (877) 256 0007 MANU0019



	PRODUCT	INFORMATION					
Product Code:	1010099	Category:	Emulsions/Tinctures				
Product Name: 600MG-30G Unflavored NanoGx Infusion							
Unit Size:	30 g						
Serving Size:	0.25 Dropper (1/4)						
Servings Per Unit:	120						
Appearance:	White to off-white op	aque liquid					
Odor:	Characteristic						
pH	3.6						
	PRODU	CT POTENCY					
D9-THC	2.0%	20 mg/g	(16 - 24 mg/g)				
D9-THC Per Unit	600 mg		2004 %				
D9-THC Per Serving	5 mg	Acceptable Variability	20%*				
*Analytical variability reported	as 8.1% (95% CI)		1				

#### **INGREDIENTS**

Purified Water, D9-THC Cannabis Distillate, Glyceryl Mono-Medium Chain Esters & Triglycerides, Natural Flavor Oils, Acacia Gum, Citric Acid, Potassium Sorbate.

#### **PACKAGING**

- 1. 40042: https://www.containerandpackaging.com/products/12/glass-boston-round/G841BL
- 2. 40043: https://www.containerandpackaging.com/products/13/dropper-assembly/M661BK-L25

SPC.101099.1 Page 1 of 1



# **Certificate of Analysis**

•

Client Name: Green Mountain Scientific Corp.

License Number: MANU0019

Sample ID: VT3798

Sample Name: 600MG-30G Unflavored NanoGx

Sample Lot: 1010099
Sample Matrix: Tinctures
Date Received: 9/28/2023

Date Reported: 10/4/2023

**Date Tested:** 10/3/2023



Total Cannabinoids						
	%	mg/g	mg/mL	mg/unit		
Total THC:	1.800	18.003	18.455	553.650		
Total CBD:				0.000		
Total Cannabinoids:	1.800	18.003	18.455	553.650		
Unit Volume (mL): 30						

Total theoretical CBD % = (CBD%) + (CBDA% \* 0.877)
Total theoretical THC % = (delta-9-THC%) + (THCA% \* 0.877)

## **Potency**

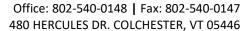
Standard potency analysis utilizing High Performance Liquid Chromatography (HPLC; SOP-024-0A) | Test ID: #9045

%	mg/g	mg/mL	mg/unit	LOD (mg/g)	LOQ (mg/g)	
< LOQ	< LOQ	< LOQ	<loq< th=""><th>0.0003</th><th>0.0040</th><th></th></loq<>	0.0003	0.0040	
ND	ND	ND	ND	0.0002	0.0040	
ND	ND	ND	ND	0.0008	0.0040	
ND	ND	ND	ND	0.0002	0.0040	
ND	ND	ND	ND	0.0008	0.0040	
ND	ND	ND	ND	0.0001	0.0040	
< LOQ	< LOQ	< LOQ	<loq< th=""><th>0.0009</th><th>0.0040</th><th></th></loq<>	0.0009	0.0040	
ND	ND	ND	ND	0.0001	0.0040	
ND	ND	ND	ND	0.0004	0.0040	
ND	ND	ND	ND	0.0002	0.0040	
ND	ND	ND	ND	0.0012	0.0040	
1.8003	18.003	18.455	553.65	0.0016	0.0049	
< LOQ	< LOQ	< LOQ	<loq< th=""><th>0.0004</th><th>0.0040</th><th></th></loq<>	0.0004	0.0040	
ND	ND	ND	ND	0.0002	0.0040	
ND	ND	ND	ND	0.0016	0.0049	
ND	ND	ND	ND	0.0002	0.0040	
	< LOQ ND ND ND ND ND < LOQ ND ND ND ND ND ND 1.8003 < LOQ ND ND	< LOQ	< LOQ	< LOQ	< LOQ	< LOQ





Page 1 of 1





Company: Green Mountain Scientific Corp. Sample ID: Type I Distillate 50002-001922D03

> PO Box 699 **Lot:** QC00000053 **Report Date: 1/27/2023**

> Morrisville, VT 05661 **Date Analyzed: 1/26/2023** Matrix: Distillate

Customer ID: 220908-01 Date Sampled: 1/18/2023 Analyst: 050

Grower License #: MANU0019 **Date Received: 1/23/2023** Report ID: C230123AX

### Cannabinoid Summary

Cannabinoid Profile	LOQ (mg/g)	Concentration (mg/g)	Weight (%)	
CBDVA	<b>VA</b> 0.0005		<loq< td=""></loq<>	
CBDV	0.0012	<loq< td=""><td colspan="2"><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>	
CBDA	0.0008	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>	
CBGA	0.0008	<loq< td=""><td><loq< td=""></loq<></td></loq<>	<loq< td=""></loq<>	
CBG	0.0019	21.81	2.18	
CBD	0.0019	4.73	0.47	
THCV	<b>ICV</b> 0.0021		0.92	
CBN	BN 0.0013		0.67	
Δ9-THC	<b>9-THC</b> 0.0020		73.63	
Δ8-THC	0.0019	019 4.24		
THC-A	0.0034	3.61	0.36	
СВС	CBC 0.0024		0.89	
Total THC		739.51	73.95	
Total CBD		4.73	0.47	
Total Cannabinoids		795.63	79.56	

79.56% 73.63% Total Δ9-ΤΗС **Cannabinoids** 

N/A **Percent** Moisture

73.95%

**Total THC** 

THC: CBD **Ratio** 

1:0

0.47%

**Total CBD** 

Cannabinoids Methodology: High Performance Liquid Chromatography (HPLC) using PerkinElmer FLEXAR™ with Photo Diode Array Detector (PDA)

Total CBD and total THC are calculated values, to account for assumed decarboxylation from the acid form (THCA or CBDA) to the neutral form, causing weight loss of the acid group. These values are calculated as follows:

Total THC = (THCA x 0.877) +  $\Delta$ 9-THC Total CBD = (CBDA x 0.877) + CBD Ratio of Total CBD: Total THC Reagent Blanks: < LOQs for all analytes

LOQ = The lowest quantity that this method can reliably detect. Any cannabinoid that was not detected is assumed to be less than the stated LOQ (<LOQ).

All results reflect dry weight of material, based on % moisture of the sample.

Measurement of Uncertainty (MU): the parameter, associated with the result of a measurement, that characterizes the dispersion of the values that could reasonably be attributed to the particular quantity subject to measurement.  $\Delta 9$ -THC MU = ±0.005% Total THC MU =  $\pm 0.007\%$ 

All other cannabinoid MU values are available upon request.

All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.

This report shall not be reproduced except in full without approval of the laboratory. This is

samples as received.

to provide assurance that parts of a report are not taken out of context. Results apply to the Certified by:

Luke K.M

Luke Emerson Mason (Laboratory Director, Bia Diagnostics)



Company: Green Mountain Scientific Corp. Sample ID: Type I Distillate 50002-001922D03

PO Box 699 Lot: QC00000053 **Report Date: 2/2/2023** Morrisville, VT 05661 Matrix: Distillate **Date Analyzed: 1/31/2023** 

Customer ID: 220908-01 **Date Sampled: 1/18/2023** Analyst: 035

Grower License #: MANU0019 **Date Received: 1/23/2023** Report ID: C230123AX

### **Residual Solvents Summary**

Residual Solvent	LOQ (μg/g)	Results (μg/g)
1,2-Dichloroethane	0.002	<loq< th=""></loq<>
Benzene	0.003	<loq< th=""></loq<>
Chloroform	0.006	<loq< th=""></loq<>
Methylene Chloride	0.005	<loq< th=""></loq<>
Trichloroethylene	0.001	<loq< th=""></loq<>
Acetone	0.005	<loq< th=""></loq<>
Acetonitrile	0.002	<loq< th=""></loq<>
Propane	0.005	<loq< th=""></loq<>
Butane	24.000	<loq< th=""></loq<>
Ethanol	0.036	<loq< th=""></loq<>
Ethyl acetate	0.014	<loq< th=""></loq<>
Ethyl Ether	0.225	<loq< th=""></loq<>
Heptane	1.500	<loq< th=""></loq<>
Hexane	0.023	<loq< th=""></loq<>
Isopropyl Alcohol	0.018	<loq< th=""></loq<>
Methanol	0.009	<loq< th=""></loq<>
Pentane	22.500	<loq< th=""></loq<>
Toluene	0.005	<loq< th=""></loq<>
Total Xylenes	0.011	<loq< th=""></loq<>

LOQ = The lowest quantity that this method can reliably detect. Any residual solvent that was not detected is assumed to be less than the stated LOQ (<LOQ).

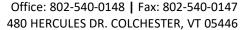
Residual Solvent Methodology: Headspace Sampler, Gas Chromatography-Mass Spectrometry (GC-MS), using Perkin Elmer Clarus<sup>®</sup> SQ8 GC MS

Reagent Blanks: < LOQs for all analytes



This report shall not be reproduced except in full without approval of the laboratory. This is to provide assurance that parts of a report are not taken out of context. Results apply to the samples as received.

Certified by:





Company: Green Mountain Scientific Corpample ID: Type I Distillate 50002-001922D03

PO Box 699 Lot: QC00000053 Report Date: 2/3/2023 Morrisville, VT 05661 Matrix: Distillate Date Analyzed: 2/2/2023

Grower License #: MANU0019 Date Received: 1/23/2023 Report ID: C230123AX

## **Heavy Metal Summary**

Heavy Metal Profile	LOQ (ppm)	Concentration (ppm)
Arsenic (As)	0.0001	0.0020
Cadmium (Cd)	0.0001	<loq< th=""></loq<>
Mercury (Hg)	0.0001	<loq< th=""></loq<>
Lead (Pb)	0.0001	0.0010



N/A

Percent Moisture

Heavy Metal Methodology: ICP-MS using PerkinElmer NexION® 2000 ICP Mass Spectrometer

Reagent Blanks: < LOQs for all analytes

ppm = parts per million

LOQ = The lowest quantity that this method can reliably detect. Any heavy metal that was not detected is assumed to be less than the stated LOQ (<LOQ).

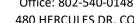
All results reflect dry weight of material, based on % moisture of the sample.

All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.

This report shall not be reproduced except in full without approval of the laboratory. This is to provide assurance that parts of a report are not taken out of context. Results apply to the *Certified by:* samples as received.

Luke E.M

Luke Emerson Mason (Laboratory Director, Bia Diagnostics)





Office: 802-540-0148 | Fax: 802-540-0147 480 HERCULES DR. COLCHESTER, VT 05446

## **Certificate of Analysis**

Company: Green Mountain Scientific Corp. Sample ID: Type I Distillate 50002-001922D03 QC00000053

> PO Box 699 Report Date: 1/26/2023 Lot: N/A

> Morrisville, VT 05661 Matrix: Distillate **Date Analyzed: 1/25/2023**

Customer ID: 220908-01 **Date Sampled:** 1/18/2023 Analyst: 45

Grower License #: MANU0019 **Date Received:** 1/23/2023 Report ID: C230123AX

### Pesticides/Mycotoxins Summary

Category II Residual Pesticide	LOQ (ppm)	Concentration (ppm)
Abamectin	0.0100	<loq< th=""></loq<>
Acephate	0.0010	<loq< th=""></loq<>
Acequinocyl	0.0010	<loq< th=""></loq<>
Azoxystrobin	0.0010	<loq< th=""></loq<>
Bifenazate	0.0010	<loq< th=""></loq<>
Bifenthrin	0.0010	<loq< th=""></loq<>
Carbaryl	0.0010	<loq< th=""></loq<>
Cypermethrin	0.0100	<loq< th=""></loq<>
Etoxazole	0.0010	<loq< th=""></loq<>
Imidacloprid	0.0010	<loq< th=""></loq<>
Myclobutanil	0.0010	<loq< th=""></loq<>
Pyrethrin I	0.0010	<loq< th=""></loq<>
Pyrethrin II	0.0010	<loq< th=""></loq<>
Spinosyn A	0.0010	<loq< th=""></loq<>
Spinosyn D	0.0010	<loq< th=""></loq<>

Category II Mycotoxin	LOQ (ppm)	Concentration (ppm)	
Ochratoxin A	0.0020	NOT TESTED	
Aflatoxin B1	0.0002	NOT TESTED	
Alfatoxin B2	0.0010	NOT TESTED	
Alfatoxin G1	0.0002	NOT TESTED	
Alfatoxin G2	0.0010	NOT TESTED	

Category I Residual Pesticide	LOQ (ppm)	Concentration (ppm)
Chlorpyrifos	0.0010	<loq< th=""></loq<>
Imazalil	0.0010	<loq< th=""></loq<>



N/A

Percent Moisture

LOQ = The lowest quantity this method can reliably detect. Any pesticide or mycotoxins that was not detected is assumed to be less than the stated LOQ (<LOQ).

All results reflect dry weight of material, based on % moisture of the sample.

ppb = parts per billion

Pesticides/Mycotoxin Methodology: Liquid Chromatography with Tandem Mass Spectrometry using PerkinElme QSight® LX50 UHPLC and QSight 220 Mass Spectrometer

All moisture analysis is determined by loss-on-drying measurement using OHAUS Model MB90 Moisture Content Readers.

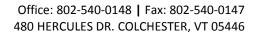
Certified by:

Luke Emerson Mason (Laboratory Director, Bia Diagnostics)

ule E.M

This report shall not be reproduced except in full without approval of the laboratory. This is to provide assurance that parts of a report are not taken out of context. Results apply to the samples as received.

(802) 540-0148 laboratory@biadiagnostics.com





Stowe, VT 05672

# **Certificate of Analysis**

Company: Sample ID: CHV 0056-002

Lot: N/A Report Date: 11/7/2022

Matrix: Flower Date Analyzed: 11/4/2022

Customer ID: 210217-01 Date Sampled: N/A Analyst: JF

Grower License #: CLTV0056-01 Date Received: 10/20/2022 Report ID: C221020AW

## Pathogen Summary

Target Pathogens	Method	LOD (cfu/g)	Result (cfu/g)
Aspergillus - flavus, fumigatus, niger, terreus	Aspergillus AOAC PTM No. 032104	5	<lod< td=""></lod<>
STEC	STEC Virx AOAC PTM No. 121203	5	<lod< td=""></lod<>
Salmonella spp.	Salmonella II AOAC PTM No. 010803	5	<lod< td=""></lod<>



Test Methodology: Bio-Rad IQ-Check PCR Kits

cfu/g = colony forming units per gram

LOD = The lowest quantity that this method can reliably detect. Any microbial growth that was not detected is assumed to be less than the stated LOD (<LOD).

Reagent Blanks: <LOD for all analytes

This report shall not be reproduced except in full without approval of the laboratory. This is to provide assurance that parts of a report are not taken out of context. Results apply to the samples as received.

Certified by: \_\_\_\_\_ Luke K.M

Luke Emerson Mason (Laboratory Director, Bia Diagnostics)