



License No. 800025015  
FL License # CMTL-0003  
CLIA No. 10D1094068

# Certificate of Analysis

## Compliance Test

**HARRIET GROVE BOTANICALS**  
4234 HARRIET AVE. SO.  
MINNEAPOLIS, MINNESOTA  
55409

Batch # 02-26-2022-FullSpectrum  
Batch Date: 2022-02-26  
Sampling Method: MSP 7.3.1

Test Reg State: Oregon

Cultivation Date: 0000-00-00  
Production Facility: Superior Molecular  
Production Date: 2022-02-26

Order # SUP220228-010001  
Order Date: 2022-02-28  
Sample # AACN408

Sampling Date: 2022-03-01  
Lab Batch Date: 2022-03-01  
Completion Date: 2022-03-05

Initial Gross Weight: 65.325 g  
Net Weight: 13.125 g

Number of Units: 1  
Net Weight per Unit: 29574.000 mg



Product Image

Potency Tested

Heavy Metals Passed

Pesticides Passed

Residual Solvents Passed

Microbiology Petrifilm Tested

### Potency - 11

Specimen Weight: 115.470 mg

Tested (LCUV)

Analyte	Dilution (1:n)	LOD (%)	LOQ (%)	Result (mg/g)	(%)
CBD	1000.000	0.000054	0.001	29.660	2.966
Delta-9 THC	1000.000	0.000013	0.001	1.590	0.159
CBC	1000.000	0.000018	0.001	0.770	0.077
CBDV	1000.000	0.000065	0.001	0.240	0.024
CBG	1000.000	0.000248	0.001	0.140	0.014
Delta-8 THC	1000.000	0.000026	0.001	<LOQ	
THCV	1000.000	0.000007	0.001	<LOQ	
CBN	1000.000	0.000014	0.001	<LOQ	
CBGA	1000.000	0.000008	0.001	<LOQ	
CBDA	1000.000	0.000011	0.001	<LOQ	
THCA-A	1000.000	0.000032	0.001	<LOQ	

Sample Prepared By: 1195 Date: 2022-03-02 22:17:38 Sample Analyzed By: 1195 Date: 2022-03-02 13:24:30  
Batch Reviewed By: 1010 Date: 2022-03-04 11:26:27 Lab Batch #: AACN408-174 Date: 2022-03-04 11:26:27

### Potency Summary

0.159% Total THC	47.023mg	2.966% Total CBD	877.165mg
0.014% Total CBG	4.140mg	Total CBN	None Detected
0.101% Other Cannabinoids	29.870mg	Total Cannabinoids	958.198mg

Xueli Gao Lab Toxicologist  
Ph.D., DABT

Aixia Sun Lab Director/Principal Scientist  
D.H.Sc., M.Sc., B.Sc., MT (AAB)



Definitions and Abbreviations used in this report: \*Total CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.87), \*Total THC = THCA-A \* 0.877 + Delta 9 THC, \*Total THCV = THCV + (THCVA \* 0.87), \*CBG Total = (CBGA \* 0.877) + CBG, \*CBN Total = (CBNA \* 0.877) + CBN, \*Total CBC = CBC + (CBCA \* 0.877), \*Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, \*Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, \*Total Detected Cannabinoids = Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate, \*Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, , LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram



This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization.



# Certificate of Analysis

Compliance Test

**HARRIET GROVE BOTANICALS** Batch # IO-2-26-2022-FullSpectrum Test Reg State: Oregon Cultivation Date: 0000-00-00  
4234 HARRIET AVE., SO. Batch Date: 2022-02-28 Production Facility: Superior Molecular  
MINNEAPOLIS, MINNESOTA Sampling Method: MSP 7.3.1 Production Date: 2022-02-26  
55409

Order # SUP220228-010001 Sampling Date: 2022-03-01 Initial Gross Weight: 65.325 g Number of Units: 1  
Order Date: 2022-02-28 Lab Batch Date: 2022-03-01 Net Weight: 13.125 g Net Weight per Unit: 29574.000 mg  
Sample # AACN408 Completion Date: 2022-03-05

## Pesticides

Specimen Weight: 191.700 mg

**Passed**  
(LCMS/GCMS)



## Residual Solvents - FL (CBD)

Specimen Weight: 117.700 mg

**Passed**  
(GCMS)

Dilution Factor: 7.825

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Abamectin	28.23	300	<LOQ	Imazalil	30	100	<LOQ
Acephate	30	3000	<LOQ	Imidacloprid	30	3000	<LOQ
Acequinocyl	48	2000	<LOQ	Kresoxim Methyl	30	1000	<LOQ
Acetamiprid	30	3000	<LOQ	Malathion	30	2000	<LOQ
Aldicarb	30	100	<LOQ	Metaxyl	10	3000	<LOQ
Azoxystrobin	10	3000	<LOQ	Methiocarb	30	100	<LOQ
Bifenazate	30	3000	<LOQ	Methomyl	30	100	<LOQ
Bifenthrin	30	500	<LOQ	Mevinphos	30	100	<LOQ
Carbaryl	10	500	<LOQ	Myclobutanil	30	3000	<LOQ
Chlorfenapyr	48	100	<LOQ	Naled	30	500	<LOQ
Chlorpyrifos	30	100	<LOQ	Oxamyl	30	500	<LOQ
Clofentezine	30	500	<LOQ	Pacllobutrazol	30	100	<LOQ
Coumaphos	30	100	<LOQ	Parathion-methyl	48	100	<LOQ
Cyfluthrin	30	1000	<LOQ	Pentachloronitrobenzene	30	200	<LOQ
Cypermethrin	30	1000	<LOQ	Permethrin	30	1000	<LOQ
Daminozide	30	100	<LOQ	Phosmet	30	200	<LOQ
Diazinon	30	200	<LOQ	Piperonylbutoxide	30	3000	<LOQ
Dichlorvos	30	100	<LOQ	Prallethrin	30	400	<LOQ
Dimethoate	30	100	<LOQ	Propiconazole	30	1000	<LOQ
Dimethomorph	30	3000	<LOQ	Propoxur	30	100	<LOQ
Ethoprophos	30	100	<LOQ	Pyrethrins	30	1000	<LOQ
Etofenprox	30	100	<LOQ	Pyridaben	30	3000	<LOQ
Etoxazole	30	1500	<LOQ	Spinetoram	30	3000	<LOQ
Fenhexamid	30	3000	<LOQ	Spiromesifen	30	3000	<LOQ
Fenoxycarb	30	100	<LOQ	Spirotetramat	30	3000	<LOQ
Fenpyroximate	30	2000	<LOQ	Spiroxamine	30	100	<LOQ
Fipronil	30	100	<LOQ	Tebuconazole	30	1000	<LOQ
Fonicamid	30	2000	<LOQ	Thiacloprid	30	100	<LOQ
Fludioxonil	30	3000	<LOQ	Thiamethoxam	30	1000	<LOQ
Hexythiazox	30	2000	<LOQ	Trifloxystrobin	30	3000	<LOQ

Dilution Factor: 500.000

Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)	Analyte	LOQ (ppm)	Action Level (ppm)	Result (ppm)
1,1-Dichloroethene	0.16	8	<LOQ	Heptane	1.39	5000	<LOQ
1,2-Dichloroethane	0.04	5	<LOQ	Hexane	1.17	290	<LOQ
Acetone	2.08	5000	<LOQ	Isopropyl alcohol	1.39	500	<LOQ
Acetonitrile	1.17	410	<LOQ	Methanol	0.69	3000	<LOQ
Benzene	0.02	2	<LOQ	Methylene chloride	2.43	600	<LOQ
Butanes	2.5	2000	<LOQ	Pentane	2.08	5000	<LOQ
Chloroform	0.04	60	<LOQ	Propane	5.83	2100	<LOQ
Ethanol	2.78	5000	<LOQ	Toluene	2.92	890	<LOQ
Ethyl Acetate	1.11	5000	<LOQ	Total Xylenes	2.92	2170	<LOQ
Ethyl Ether	1.39	5000	<LOQ	Trichloroethylene	0.49	80	<LOQ
Ethylene Oxide	0.1	5	<LOQ				

Sample Prepared By: 1208 Date: 2022-03-02 21:20:39 Sample Analyzed By: 1051 Date: 2022-03-02 15:57:28  
Batch Reviewed By: 1153 Date: 2022-03-03 13:17:14 Lab Batch #: AACN408-183 Date: 2022-03-03 13:17:14

## Heavy Metals

Specimen Weight: 248.400 mg

**Passed**  
(ICP-MS)

Dilution Factor: 201

Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)	Analyte	LOQ (ppb)	Action Level (ppb)	Result (ppb)
Arsenic (As)	100	1500	<LOQ	Lead (Pb)	100	500	<LOQ
Cadmium (Cd)	100	500	<LOQ	Mercury (Hg)	100	3000	<LOQ

Sample Prepared By: 1216 Date: 2022-03-02 18:38:49 Sample Analyzed By: 1216 Date: 2022-03-02 13:38:49  
Batch Reviewed By: 1216 Date: 2022-03-02 18:29:15 Lab Batch #: AACN408-164 Date: 2022-03-02 18:29:15

Sample Prepared By: 1205 Date: 2022-03-02 22:34:48 Sample Analyzed By: 1180 Date: 2022-03-02 17:34:49  
Batch Reviewed By: 1222 Date: 2022-03-03 17:20:29 Lab Batch #: AACN408-176 Date: 2022-03-03 17:20:29

*Xueli Gao*  
Xueli Gao Lab Toxicologist  
Ph.D., DABT

*Aixia Sun*  
Aixia Sun Lab Director/Principal Scientist  
D.H.Sc., M.Sc., B.Sc., MT (AAB)



Definitions and Abbreviations used in this report: \*Total CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.87), \*Total THC = THCA-A \* 0.877 + Delta 9 THC, \*Total THCV = THCV + (THCVA \* 0.87), \*CBG Total = (CBGA \* 0.877) + CBG, \*CBN Total = (CBNA \* 0.877) + CBN, \*Total CBC = CBC + (CBCA \* 0.877), \*Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, \*Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, \*Total Detected Cannabinoids = Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBDV + Delta10-THC + Total THC-O-Acetate, \*Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization.



# Certificate of Analysis

Compliance Test

**HARRIET GROVE BOTANICALS** Batch # IO-2-26-2022-FullSpectrum Test Reg State: Oregon Cultivation Date: 0000-00-00  
4234 HARRIET AVE., SO. Batch Date: 2022-02-28 Production Facility: Superior Molecular  
MINNEAPOLIS, MINNESOTA Sampling Method: MSP 7.3.1 Production Date: 2022-02-26  
55409

Order # SUP220228-010001 Sampling Date: 2022-03-01 Initial Gross Weight: 65.325 g Number of Units: 1  
Order Date: 2022-02-28 Lab Batch Date: 2022-03-01 Net Weight: 13.125 g Net Weight per Unit: 29574.000 mg  
Sample # AACN408 Completion Date: 2022-03-05

**Microbiology (Petrifilm/Plating)** **Tested**  
(Petrifilm)

Specimen Weight: 995.200 mg

Dilution Factor: 10000.000

Analyte	LOQ (cfu/g)	Result (cfu/g)	Analyte	LOQ (cfu/g)	Result (cfu/g)
Aerobic Bacteria	10	<10	Yeast/Mold	10	<10
E. Coli / Coliform	10	<10			

Sample Prepared By: 1152 Date: 2022-03-02 15:31:47 Sample Analyzed By: 1152 Date: 2022-03-02 15:31:47

Batch Reviewed By: 1152 Date: 2022-03-05 10:43:01 Lab Batch #: AACN408-163 Date: 2022-03-05 10:43:01

Xueli Gao Lab Toxicologist  
Ph.D., DABT

Aixia Sun Lab Director/Principal Scientist  
D.H.Sc., M.Sc., B.Sc., MT (AAB)



Definitions and Abbreviations used in this report: \*Total CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.87), \*Total THC = THCA-A \* 0.877 + Delta 9 THC, \*Total THCV = THCV + (THCVA \* 0.87), \*CBG Total = (CBGA \* 0.877) + CBG, \*CBN Total = (CBNA \* 0.877) + CBN, \*Total CBC = CBC + (CBCA \* 0.877), \*Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, \*Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, \*Total Detected Cannabinoids = Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate, \*Analyte Details above show the Dry Weight Concentrations unless specified as 12% moisture concentration. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram

This report shall not be reproduced, without written approval, from ACS Laboratory. The results of this report relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Accredited by a third-party accrediting body as a competent testing laboratory pursuant to ISO/IEC 17025 of the International Organization for Standardization.