## Grape Inferno

Sample ID: 2411APO5041.23182 Strain: Grape Inferno Matrix: Concentrates & Extracts Type: Distillate Source Batch #: AV5000

LABS

Produced:

Collected: 11/19/2024 09:58 am Received: 11/19/2024 Completed: 11/22/2024 Batch #: GRPIAV501 Harvest Date: 10/04/2024

Client

Ponderosa Botanical Care Lic. # 0000154ESTQI31348041

Lot #: AV5000

Production/Manufacture Date: 11/14/2024 Production/Manufacture Method: Other



Summary

Test Date Tested Result Batch Pass Cannabinoids 11/20/2024 Complete Microbials 11/22/2024 **Pass** 

Cannabinoids by SOP-6

Complete

85.4408% Total THC

0.3478%

Total CBD

92.5883%

Total Cannabinoids (Q3)

NT

**Total Terpenes** 

Analyte	LOD	LOQ	Result	Result	
•	%	%	%	mg/g	
THCa		0.1000	ND	ND	
∆9-THC		0.1000	85.4408	854.408	
∆8-THC		0.1000	2.2272	22.272	
THCV		0.1000	0.8677	8.677	
CBDa		0.1000	ND	ND	
BD		0.1000	0.3478	3.478	
BDVa		0.1000	ND	ND	
BDV		0.1000	ND	ND	
BN		0.1000	1.7750	17.750	
BGa		0.1000	ND	ND	
CBG		0.1000	1.3829	13.829	
CBC		0.1000	0.5467	5.467	
otal THC			85.4408	854.4080	
otal CBD			0.3478	3.4780	
<b>Total</b>			92.5883	925.883	

Date Tested: 11/20/2024 07:00 am



Anthony Settanni Lab Director

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2 of 3

#### **Grape Inferno**

Sample ID: 2411APO5041.23182 Strain: Grape Inferno Matrix: Concentrates & Extracts Type: Distillate Source Batch #: AV5000

Produced:

Collected: 11/19/2024 09:58 am Received: 11/19/2024 Completed: 11/22/2024 Batch #: GRPIAV501 Harvest Date: 10/04/2024

Client

Ponderosa Botanical Care Lic. # 0000154ESTQI31348041

Lot #: AV5000

Production/Manufacture Date: 11/14/2024 Production/Manufacture Method: Other

Microbials	Pass

Analyte	Limit	Result	Status	Q
Salmonella SPP by QPCR: SOP-15	Detected/Not Detected in 1g	ND	Pass	
Aspergillus Flavus Aspergillus Fumigatus or Aspergillus Niger by QPCR: SOP-14	Detected/Not Detected in 1g	ND	Pass	
Aspergillus Terreus by QPCR: SOP-14	Detected/Not Detected in 1g	ND	Pass	

Analyte	LOQ	Limit	Result	Status	Q
	CFU/g	CFU/g	CFU/g		
F. Coli by traditional plating: SOP-13	10.0	1000	< 10 CFU/g	Pass	

Date Tested: 11/22/2024 12:00 am

Mycotoxins by SOP-22 Not Tested

LOQ Limit Units Analyte LOD Status

Date Tested:

Heavy Metals by SOP-21 Not Tested

LOD LOO Limit Units Analyte Status Q

Date Tested:



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3 of 3

#### **Grape Inferno**

Sample ID: 2411APO5041.23182 Strain: Grape Inferno Matrix: Concentrates & Extracts Type: Distillate Source Batch #: AV5000

Produced:

Collected: 11/19/2024 09:58 am Received: 11/19/2024 Completed: 11/22/2024 Batch #: GRPIAV501 Harvest Date: 10/04/2024

Client

Ponderosa Botanical Care Lic. # 0000154ESTQI31348041

Lot #: AV5000

Production/Manufacture Date: 11/14/2024 Production/Manufacture Method: Other

# **Qualifiers Definitions**

Qualifier Notation	Qualifier Description
l1	The relative intensity of a characteristic ion in a sample analyte exceeded the acceptance criteria in subsection (L)(1) with respect to the reference spectra, indicating interference
L1	When testing for pesticides, fungicides, herbicides, growth regulators, heavy metals, or residual solvents, the percent recovery of a laboratory control sample is greater than the acceptance limits in subsection $(K)(2)(c)$ , but the sample's target analytes were not detected above the maximum allowable concentrations in Table 3.1 for the analytes in the sample
M1	The recovery from the matrix spike in subsection (K)(4) was: a. High, but the recovery from the laboratory control sample in subsection (K)(2) was within acceptance criteria
M2	The recovery from the matrix spike in subsection (K)(4) was: b. Low, but the recovery from the laboratory control sample in subsection (K)(2) was within acceptance criteria
М3	The recovery from the matrix spike in subsection (K)(4) was: c. Unusable because the analyte concentration was disproportionate to the spike level, but the recovery from the laboratory control sample in subsection (K)(2) was within acceptance criteria
R1	The relative percent difference for the laboratory control sample and duplicate exceeded the limit in subsection $(K)(3)$ , but the recovery in subsection $(K)(2)$ was within acceptance criteria
V1	The recovery from continuing calibration verification standards exceeded the acceptance limits in subsection (J) (1)(b), but the sample's target analytes were not detected above the maximum allowable concentrations in Table 3.1 for the analytes in the sample
Q2	The sample is heterogeneous, and sample homogeneity could not be readily achieved using routine laboratory practices – Used to denote that the sample as-received could not be fully pre-homogenized in packaging prior to microbiology analysis
Q3	Testing result is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R9-17-317.01(A) or labeling requirements in R9-17-317

# **Customer Supplied Information:**

## Notes and Addenda:



Bryant Kearl

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11/22/2024 ARIZONA DEPARTMENT OF HEALTH SERVICES' WARNING:
Marijuana use can be addictive and can impair an individual's ability to drive a motor vehicle or operate heavy machinery. Marijuana smoke contains carcinogens and can lead to an increased risk for cancer, tachycardia, hypertension, heart attack, and lung infection. Marijuana use may affect the health of a pregnant woman and the unborn child. Using marijuana during pregnancy could cause birth defects or other health issues to your unborn child;
KEEP OUT OF REACH OF CHILDREN.
The product associated with the COA has been tested by Apollo Labs using validated state certified testing methodologies as required by Arizona state law. Values reported herein relate only to the specific sample of

Chief Scientific Officer

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#### Mother Batch

Sample ID: 2411APO5041.23180 Strain: Mother Batch

Matrix: Concentrates & Extracts Type: Distillate Source Batch #:

Produced:

Collected: 11/19/2024 09:58 am Received: 11/19/2024 Completed: 11/22/2024

Batch #: AV5000 Harvest Date: 10/04/2024 Client

Ponderosa Botanical Care Lic. # 0000154ESTQI31348041

Lot #: AV5000

Production/Manufacture Date: 11/11/2024 Production/Manufacture Method: Other



#### Summary Test Date Tested Result Batch Pass Cannabinoids 11/20/2024 Complete Residual Solvents 11/20/2024 **Pass** Microbials 11/22/2024 **Pass** Mycotoxins 11/20/2024 Pass Pesticides 11/20/2024 Pass **Heavy Metals** 11/20/2024 Pass

#### Cannabinoids by SOP-6

Complete

88.5336%	0.3472%	96.0385%	NT
Total THC	Total CBD	Total Cannabinoids (Q3)	Total Terpenes (Q3)

Analyte	LOD	LOQ	Result	Result	
	%	%	%	mg/g	
THCa		0.1000	ND	ND	
Δ9-THC		0.1000	88.5336	885.336	
Δ8-THC		0.1000	2.3990	23.990	
THCV		0.1000	0.9068	9.068	
CBDa		0.1000	ND	ND	
CBD		0.1000	0.3472	3.472	
CBDVa		0.1000	ND	ND	
CBDV		0.1000	ND	ND	
CBN		0.1000	1.8685	18.685	
CBGa		0.1000	ND	ND	
CBG		0.1000	1.4315	14.315	
CBC		0.1000	0.5519	5.519	
Total THC			88.5336	885.3360	
Total CBD			0.3472	3.4720	
Total			96.0385	960.385	

Date Tested: 11/20/2024 07:00 am



Anthony Settanni Lab Director

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### Mother Batch

Source Batch #:

Sample ID: 2411APO5041.23180 Strain: Mother Batch

Matrix: Concentrates & Extracts Type: Distillate

Produced:

Collected: 11/19/2024 09:58 am Received: 11/19/2024 Completed: 11/22/2024 Batch #: AV5000 Harvest Date: 10/04/2024

Client

Ponderosa Botanical Care Lic. # 0000154ESTQI31348041

Lot #: AV5000

Production/Manufacture Date: 11/11/2024 Production/Manufacture Method: Other

#### Pesticides by SOP-22

**Pass** 

Analyte	LOQ	Limit	Result	Q	Status	Analyte	LOQ	Limit	Result	Q	Status
	PPM	PPM	PPM				PPM	PPM	PPM		
Abamectin	0.2500	0.5000	ND		Pass	Hexythiazox	0.5000	1.0000	ND		Pass
Acephate	0.2000	0.4000	ND		Pass	lmazalil	0.1000	0.2000	ND		Pass
Acetamiprid	0.1000	0.2000	ND		Pass	Imidacloprid	0.2000	0.4000	ND		Pass
Aldicarb	0.2000	0.4000	ND		Pass	Kresoxim Methyl	0.2000	0.4000	ND		Pass
Azoxystrobin	0.1000	0.2000	ND		Pass	Malathion	0.1000	0.2000	ND		Pass
Bifenazate	0.1000	0.2000	ND		Pass	Metalaxyl	0.1000	0.2000	ND		Pass
Bifenthrin	0.1000	0.2000	ND		Pass	Methiocarb	0.1000	0.2000	ND		Pass
Boscalid	0.2000	0.4000	ND		Pass	Methomyl	0.2000	0.4000	ND		Pass
Carbaryl	0.1000	0.2000	ND		Pass	Myclobutanil	0.1000	0.2000	ND		Pass
Carbofuran	0.1000	0.2000	ND		Pass	Naled	0.2500	0.5000	ND		Pass
Chlorantraniliprole	0.1000	0.2000	ND		Pass	Oxamyl	0.5000	1.0000	ND		Pass
Chlorfenapyr	0.5000	1.0000	ND		Pass	Paclobutrazol	0.2000	0.4000	ND		Pass
Chlorpyrifos	0.1000	0.2000	ND		Pass	Permethrins	0.1000	0.2000	ND		Pass
Clofentezine	0.1000	0.2000	ND		Pass	Phosmet	0.1000	0.2000	ND		Pass
Cyfluthrin	0.5000	1.0000	ND		Pass	Piperonyl	1.0000	2.0000	ND		Pass
Cypermethrin	0.5000	1.0000	ND		Pass	Butoxide					
Daminozide	0.5000	1.0000	ND		Pass	Prallethrin	0.1000	0.2000	ND		Pass
Diazinon	0.1000	0.2000	ND		Pass	Propiconazole	0.2000	0.4000	ND		Pass
Dichlorvos	0.0500	0.1000	ND		Pass	Propoxur	0.1000	0.2000	ND		Pass
Dimethoate	0.1000	0.2000	ND		Pass	Pyrethrins	0.5000	1.0000	ND		Pass
Ethoprophos	0.1000	0.2000	ND		Pass	Pyridaben	0.1000	0.2000	ND		Pass
Etofenprox	0.2000	0.4000	ND		Pass	Spinosad	0.1000	0.2000	ND		Pass
Etoxazole	0.1000	0.2000	ND		Pass	Spiromesifen	0.1000	0.2000	ND		Pass
Fenoxycarb	0.1000	0.2000	ND		Pass	Spirotetramat	0.1000	0.2000	ND		Pass
Fenpyroximate	0.2000	0.4000	ND		Pass	Spiroxamine	0.2000	0.4000	ND		Pass
Fipronil	0.2000	0.4000	ND		Pass	Tebuconazole	0.2000	0.4000	ND		Pass
Flonicamid	0.5000	1.0000	ND		Pass	Thiacloprid	0.1000 0.1000	0.2000	ND		Pass
Fludioxonil	0.2000	0.4000	ND		Pass	Thiamethoxam		0.2000	ND		Pass
						Trifloxystrobin	0.1000	0.2000	ND		Pass

Date Tested: 11/20/2024 07:00 am



Mathamy Setter Anthony Settanni Lab Director

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### Mother Batch

Source Batch #:

Sample ID: 2411APO5041.23180 Strain: Mother Batch Matrix: Concentrates & Extracts Type: Distillate

Produced: Collected: 11/19/2024 09:58 am Received: 11/19/2024 Completed: 11/22/2024 Batch #: AV5000

Harvest Date: 10/04/2024

Client

Ponderosa Botanical Care Lic. # 0000154ESTQI31348041

Lot #: AV5000

Production/Manufacture Date: 11/11/2024 Production/Manufacture Method: Other

Microbials	Pass
------------	------

Analyte	Limit	Result	Status	Q
Salmonella SPP by QPCR: SOP-15	Detected/Not Detected in 1g	ND	Pass	
Aspergillus Flavus Aspergillus Fumigatus or Aspergillus Niger by QPCR: SOP-14	Detected/Not Detected in 1g	ND	Pass	
Aspergillus Terreus by QPCR: SOP-14	Detected/Not Detected in 1g	ND	Pass	

Analyte	LOQ	Limit	Result	Status	Q
	CFU/g	CFU/g	CFU/g		<u>.</u>
E. Coli by traditional plating: SOP-13	10.0	100.0	< 10 CFU/g	Pass	

Date Tested: 11/22/2024 12:00 am

#### Mycotoxins by SOP-22

Pass

Analyte	LOD	LOQ	Limit	Units	Status	Q
	μg/kg	µg/kg	μg/kg	μg/kg		
B1	5	10	20	ND	Pass	
B2	5	10	20	ND	Pass	
G1	5	10	20	ND	Pass	
G2	5	10	20	ND	Pass	
Total Aflatoxins	5	10	20	ND	Pass	
Ochratoxin A	5	10	20	ND	Pass	

Date Tested: 11/20/2024 07:00 am

#### Heavy Metals by SOP-21

**Pass** 

Analyte	LOD	LOQ	Limit	Units	Status	Q
	PPM	PPM	PPM	PPM		
Arsenic	0.1000	0.1330	0.4000	ND	Pass	
Cadmium	0.1000	0.1330	0.4000	ND	Pass	
Lead	0.2500	0.3330	1.0000	ND	Pass	L1, V1
Mercury	0.0500	0.0660	0.2000	ND	Pass	L1, V1

Date Tested: 11/20/2024 07:00 am



Anthony Settanni Lab Director 11/22/2024

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KEEP OUT OF REACH OF CHILDREN.
The product associated with the COA has been tested by Apollo Labs using validated state certified testing methodologies as required by Arizona state law. Values reported herein relate only to the specific sample of

product submitted by Client for testing. Apollo Labs makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Apollo Labs.





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### Mother Batch

Sample ID: 2411APO5041.23180 Strain: Mother Batch

Matrix: Concentrates & Extracts Type: Distillate Source Batch #:

Produced:

Collected: 11/19/2024 09:58 am Received: 11/19/2024 Completed: 11/22/2024 Batch #: AV5000 Harvest Date: 10/04/2024

Client

Ponderosa Botanical Care Lic. # 0000154ESTQI31348041

Lot #: AV5000

Production/Manufacture Date: 11/11/2024 Production/Manufacture Method: Other

#### Residual Solvents by SOP-3

Analyte	LOQ	Limit	Result	Status	Q
	PPM	PPM	PPM		Pass
Acetone	381.0000	1000.0000	ND	Pass	
Acetonitrile	154.0000	410.0000	ND	Pass	
Benzene	1.0000	2.0000	ND	Pass	
Butanes	1914.0000	5000.0000	ND	Pass	
Chloroform	24.0000	60.0000	ND	Pass	
Dichloromethane	231.0000	600.0000	ND	Pass	
Ethanol	1910.0000	5000.0000	ND	Pass	
Ethyl-Acetate	1907.0000	5000.0000	ND	Pass	
Ethyl-Ether	1901.0000	5000.0000	ND	Pass	
n-Heptane	1892.0000	5000.0000	ND	Pass	
Hexanes	115.0000	290.0000	ND	Pass	
Isopropanol	1915.0000	5000.0000	ND	Pass	
Isopropyl-Acetate	1908.0000	5000.0000	ND	Pass	
Methanol	1141.0000	3000.0000	ND	Pass	
Pentane	1923.0000	5000.0000	ND	Pass	
Toluene	343.0000	890.0000	ND	Pass	
Xylenes + Ethyl Benzene	841.0000	2170.0000	ND	Pass	

Date Tested: 11/20/2024 07:00 am



Arthony Sextre Anthony Settanni Lab Director 11/22/2024

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### Mother Batch

Sample ID: 2411APO5041.23180 Strain: Mother Batch Matrix: Concentrates & Extracts Type: Distillate

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Client

Ponderosa Botanical Care Lic. # 0000154ESTQI31348041

Lot #: AV5000 Production/Manufacture Date: 11/11/2024 Production/Manufacture Method: Other

**Terpenes** 

Source Batch #:

LOQ LOQ Analyte Result Result Result Q Result Q Analyte



Primary Aromas	
----------------	--

Date Tested:



Anthony Settanni Lab Director

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#### Mother Batch

Source Batch #:

Sample ID: 2411APO5041.23180 Strain: Mother Batch Matrix: Concentrates & Extracts Type: Distillate

Produced: Collected: 11/19/2024 09:58 am Received: 11/19/2024 Completed: 11/22/2024

Batch #: AV5000 Harvest Date: 10/04/2024 Client

Ponderosa Botanical Care Lic. # 0000154ESTQI31348041

Lot #: AV5000

Production/Manufacture Date: 11/11/2024 Production/Manufacture Method: Other

# **Qualifiers Definitions**

Qualifier Notation	Qualifier Description
l1	The relative intensity of a characteristic ion in a sample analyte exceeded the acceptance criteria in subsection $(L)(1)$ with respect to the reference spectra, indicating interference
L1	When testing for pesticides, fungicides, herbicides, growth regulators, heavy metals, or residual solvents, the percent recovery of a laboratory control sample is greater than the acceptance limits in subsection (K)(2)(c), but the sample's target analytes were not detected above the maximum allowable concentrations in Table 3.1 for the analytes in the sample
M1	The recovery from the matrix spike in subsection (K)(4) was: a. High, but the recovery from the laboratory control sample in subsection (K)(2) was within acceptance criteria
M2	The recovery from the matrix spike in subsection (K)(4) was: b. Low, but the recovery from the laboratory control sample in subsection (K)(2) was within acceptance criteria
М3	The recovery from the matrix spike in subsection (K)(4) was: c. Unusable because the analyte concentration was disproportionate to the spike level, but the recovery from the laboratory control sample in subsection (K)(2) was within acceptance criteria
R1	The relative percent difference for the laboratory control sample and duplicate exceeded the limit in subsection $(K)(3)$ , but the recovery in subsection $(K)(2)$ was within acceptance criteria
V1	The recovery from continuing calibration verification standards exceeded the acceptance limits in subsection (J) (1)(b), but the sample's target analytes were not detected above the maximum allowable concentrations in Table 3.1 for the analytes in the sample
Q2	The sample is heterogeneous, and sample homogeneity could not be readily achieved using routine laboratory practices – Used to denote that the sample as-received could not be fully pre-homogenized in packaging prior to microbiology analysis
Q3	Testing result is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R9-17-317.01(A) or labeling requirements in R9-17-317

# **Customer Supplied Information:**

## Notes and Addenda:



Bryant Kearl Chief Scientific Officer

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