Result

#### 02122025F2R4AO

Sample ID: 2502APO0761.4133 Strain: Agent Orange Matrix: Plant Type: Flower - Cured

Source Batch #:

Produced: Collected: 02/21/2025 07:25 am Received: 02/21/2025 Completed: 02/27/2025 Batch #: 02122025F2R4AO Harvest Date: 02/12/2025

Client

The Prime Leaf Lic.#

Lot #: 02122025F2R4AO Production/Manufacture Date: Production/Manufacture Method:



Summary Test Date Tested Batch

**Pass** Cannabinoids 02/24/2025 Complete Terpenes 02/25/2025 Complete Microbials 02/27/2025 **Pass** Pesticides 02/25/2025 **Pass** Heavy Metals 02/24/2025 Pass

#### Cannabinoids by SOP-6

Complete

22.9576% Total THC

ND

Total CBD

27.1856%

Total Cannabinoids (Q3)

1.8869%

**Total Terpenes** 

Analyte	LOD	LOQ	Result	Result	
	%	%	%	mg/g	
THCa		0.1000	26.0619	260.619	
Δ9-THC		0.1000	0.1013	1.013	
Δ8-THC		0.1000	ND	ND	
THCV		0.1000	ND	ND	
CBDa		0.1000	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
CBD		0.1000	ND	ND	
CBDVa		0.1000	ND	ND	
CBDV		0.1000	ND	ND	
CBN		0.1000	ND	ND	
CBGa		0.1000	1.0225	10.225	
CBG		0.1000	<loq< td=""><td><loq< td=""><td></td></loq<></td></loq<>	<loq< td=""><td></td></loq<>	
CBC		0.1000	ND	ND	
Total THC			22.9576	229.5760	
Total CBD			ND	ND	
Total			27.1856	271.856	

Date Tested: 02/24/2025 07:00 am



Anthony Settanni Lab Director

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2 of 5

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#### 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	Imazalil	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	0.4000	0.0000	NID		
Daminozide	0.5000	1.0000	ND		Pass	Prallethrin	0.1000	0.2000	ND		Pass
Diazinon Dichlorvos	0.1000	0.2000	ND		Pass	Propiconazole	0.2000	0.4000	ND		Pass
Dimethoate	0.0500	0.1000	ND ND		Pass	Propoxur	0.1000	1.0000	ND ND		Pass Pass
	0.1000	0.2000	ND ND		Pass	Pyrethrins Pyridaben	0.3000	0.2000	ND ND		Pass
Ethoprophos Etofenprox	0.1000	0.2000	ND ND		Pass Pass	Spinosad	0.1000	0.2000	ND		Pass
Etoxazole	0.2000	0.2000	ND		Pass	Spiromesifen	0.1000	0.2000	ND		Pass
Fenoxycarb	0.1000	0.2000	ND		Pass	Spirotetramat	0.1000	0.2000	ND ND		Pass
Fenpyroximate	0.2000	0.4000	ND		Pass	Spiroxamine	0.1000	0.4000	ND ND		Pass
Fipronil	0.2000	0.4000	ND		Pass	Tebuconazole	0.2000	0.4000	ND		Pass
Flonicamid	0.5000	1.0000	ND		Pass	Thiacloprid	0.2000	0.2000	ND ND		Pass
Fludioxonil	0.2000	0.4000	ND		Pass	Thiamethoxam	0.1000	0.2000	ND		Pass
i iddioxoriii	5.2000	3.4000	ואט		1 033	Trifloxystrobin	0.1000	0.2000	ND		Pass
						II IIIONY 3 LI ODIII	0.1000	0.2000	ND		1 433

Date Tested: 02/25/2025 07:00 am



thethomy Setter Anthony Settanni Lab Director

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3 of 5

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Client

The Prime Leaf Lic.#

Lot #: 02122025F2R4AO Production/Manufacture Date: Production/Manufacture Method:

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: 02/27/2025 12:00 am

Mycotoxins by SOP-22 Not Tested

Limit Units Analyte LOD Status

Date Tested:

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	
Mercury	0.0500	0.0660	0.2000	ND	Pass	

Date Tested: 02/24/2025 07:00 am



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4 of 5

### 02122025F2R4AO

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Client

The Prime Leaf Lic.#

Lot #: 02122025F2R4AO Production/Manufacture Date: Production/Manufacture Method:

#### **Terpenes**

Source Batch #:

•					
Analyte	LOQ	Result	Result	Q	
	%	%	mg/g		
β-Caryophyllene	0.0010	0.4493	4.493	Q3	
D,L-Limonene	0.0010	0.4399	4.399	Q3	
α-Humulene	0.0010	0.3134	3.134	Q3	
β-Myrcene	0.0010	0.2344	2.344	Q3	
Linalool	0.0010	0.1633	1.633	Q3	
β-Pinene	0.0010	0.0712	0.712	Q3	
α-Pinene	0.0010	0.0409	0.409	Q3	
α-Terpineol	0.0010	0.0356	0.356	Q3	
Endo-Fenchyl Alcohol	0.0010	0.0327	0.327	Q3	
α-Bisabolol	0.0010	0.0322	0.322	Q3	
trans-Nerolidol	0.0010	0.0229	0.229	Q3	
Caryophyllene Oxide	0.0010	0.0123	0.123	Q3	
Camphene	0.0010	0.0116	0.116	Q3	
Fenchone	0.0010	0.0089	0.089	Q3	
Terpinolene	0.0010	0.0050	0.050	Q3	
D,L-Borneol	0.0010	0.0045	0.045	Q3	
α-Terpinene	0.0010	0.0039	0.039	Q3	
cis-beta-Ocimene	0.0010	0.0034	0.034	Q3	
trans-beta-Ocimene	0.0010	0.0015	0.015	Q3	
3-Carene	0.0010	ND	ND	Q3	
α-Cedrene	0.0010	ND	ND	Q3	
α-Phellandrene	0.0010	ND	ND	Q3	
α-Thujone	0.0010	ND	ND	Q3	
trans-β-Farnesene	0.0010	ND	ND	Q3	
Camphor	0.0010	ND	ND	Q3	
Carvacrol	0.0010	ND	ND	Q3	
Carvone	0.0010	ND	ND	Q3	
Cedrol	0.0010	ND	ND	Q3	
cis-Citral	0.0010	ND	ND	Q3	

Analyte	LOQ	Result	Result	Q	
	%	%	mg/g		
cis-Farnesol	0.0010	ND	ND	Q3	
cis-Nerolidol	0.0010	ND	ND	Q3	
Citronellol	0.0010	ND	ND	Q3	
Eucalyptol	0.0010	ND	ND	Q3	
y-Terpinene	0.0010	ND	ND	Q3	
Geraniol	0.0010	ND	ND	Q3	
Geranyl Acetate	0.0010	ND	ND	Q3	
Guaiol	0.0010	ND	ND	Q3	
Isoborneol	0.0010	ND	ND	Q3	
Isobornyl Acetate	0.0010	ND	ND	Q3	
Isopulegol	0.0010	ND	ND	Q3	
m-Cymene	0.0010	ND	ND	Q3	
Menthol	0.0010	ND	ND	Q3	
L-Menthone	0.0010	ND	ND	Q3	
Nerol	0.0010	ND	ND	Q3	
Nootkatone	0.0010	ND	ND	Q3	
o,p-Cymene	0.0010	ND	ND	Q3	
Octyl Acetate	0.0010	ND	ND	Q3	
Phytane	0.0010	ND	ND	Q3	
Piperitone	0.0010	ND	ND	Q3	
Pulegone	0.0010	ND	ND	Q3	
Sabinene	0.0010	ND	ND	Q3	
Sabinene Hydrate	0.0010	ND	ND	Q3	
Safranal	0.0010	ND	ND	Q3	
Terpinen-4-ol	0.0010	ND	ND	Q3	
Thymol	0.0010	ND	ND	Q3	
trans-Citral	0.0010	ND	ND	Q3	
Valencene	0.0010	ND	ND	Q3	
Verbenone	0.0010	ND	ND	Q3	
Total		1.8869	18.869		

# **Primary Aromas**











Date Tested: 02/25/2025 12:00 am Terpenes analysis is not regulated by AZDHS.



thethony South

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Lot #: 02122025F2R4AO Production/Manufacture Date: Production/Manufacture Method:

# **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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