

Certificate of Analysis

Soothing Ponderosa

5550 E. McDowell Rd.
Mesa, AZ 85215
mike.montesano@ianthus.com
(480) 205-8355
Lic. #00000094DCTJ00667966


Sample: 2501LVL0081.0428

Secondary License: ; Chain of Distribution:
Strain: Cherry Gary; Batch Size: g; External Batch ID: 30641
Sample Received: 01/29/2025; Report Created: 06/03/2025; Report Expiration: 06/03/2026
Sampling Date: 01/29/2025; Sampling Time: 9AM; Sampling Person: 1676407FAI1240543004
Harvest Date: 11/12/2024; Manufacturing Date: 01/16/2025; External Lot ID:
Date of Pickup: 01/29/2025 Time Collected: 1123

Cherry Gary L/R

Concentrates & Extracts, Batter/Badder, Butane



	73.28%	ND	86.27%
	Total THC	Total CBD	
	93.96 mg/g	Not Tested	Total Cannabinoids (Q3)
	Total Terpenes (Q3)	NT Moisture (Q3)	

Cannabinoids

Complete

Analyte	LOQ	Result	Result	Qualifier
	%	%	mg/g	
THCa	2.13	80.96	809.6	
Δ9-THC	2.13	2.28	22.8	
Δ8-THC	2.13	ND	ND	Q3
THCVa	2.13	3.03	30.3	Q3
THCV	2.13	ND	ND	Q3
CBDa	2.13	ND	ND	
CBD	2.13	ND	ND	M1
CBDVa	2.13	ND	ND	Q3
CBDV	2.13	ND	ND	Q3
CBN	2.13	ND	ND	Q3
CBGa	2.13	<LOQ	<LOQ	Q3
CBG	2.13	ND	ND	Q3
CBCa	2.13	<LOQ	<LOQ	Q3
CBC	2.13	ND	ND	Q3
Total		86.27	862.7	Q3

Qualifiers:
Date Tested: 01/30/2025 12:00 am

Total THC = THCa * 0.877 + Δ9-THC
Total CBD = CBDa * 0.877 + CBD

The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Cannabinoid potency performed by HPLC-DAD per SOP-(1608). ADHS approved method for potency by HPLC-DAD for all listed analytes.

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Concentrates & Extracts, Batter/Badder, Butane



Terpenes

Analyte	LOQ	Result	Result	Qualifier	Analyte	LOQ	Result	Result	Qualifier
	mg/g	mg/g	%			mg/g	mg/g	%	
β-Caryophyllene	0.82	27.66	2.766	Q3	cis-Nerolidol	0.82	ND	ND	Q3
Farnesene	0.07	19.79	1.979	Q3	Citronellol	4.09	ND	ND	Q3
δ-Limonene	0.82	18.80	1.880	Q3	Eucalyptol	0.41	ND	ND	Q3
α-Humulene	0.41	6.16	0.616	Q3	Fenchone	0.82	ND	ND	Q3
cis-Ocimene	0.12	4.87	0.487	Q3	γ-Terpinene	0.41	ND	ND	Q3
Linalool	0.82	4.18	0.418	Q3	γ-Terpineol	0.09	ND	ND	Q3
β-Myrcene	0.41	2.90	0.290	Q3	Geraniol	8.17	ND	ND	Q3
α-Bisabolol	0.41	2.40	0.240	Q3	Geranyl Acetate	0.41	ND	ND	Q3
Fenchol	0.41	2.26	0.226	Q3	Guaiol	0.41	ND	ND	Q3
α-Pinene	0.41	2.01	0.201	Q3	Isoborneol	4.09	ND	ND	Q3
α-Terpineol	0.67	1.80	0.180	Q3	Isopulegol	0.41	ND	ND	Q3
β-Pinene	0.82	1.13	0.113	Q3	Menthol	0.41	ND	ND	Q3
3-Carene	0.82	ND	ND	Q3	Nerol	0.41	ND	ND	Q3
α-Cedrene	0.41	ND	ND	Q3	Pulegone	0.41	ND	ND	Q3
α-Phellandrene	0.41	ND	ND	Q3	p-Cymene	0.41	ND	ND	Q3
α-Terpinene	0.41	ND	ND	Q3	Sabinene	0.41	ND	ND	Q3
β-Eudesmol	0.41	ND	ND	Q3	Sabinene Hydrate	0.41	ND	ND	Q3
Borneol	1.23	ND	ND	Q3	Terpinolene	0.82	<LOQ	<LOQ	Q3
Camphene	0.41	<LOQ	<LOQ	Q3	trans-Nerolidol	0.41	ND	ND	Q3
Camphor	1.63	ND	ND	Q3	trans-Ocimene	0.27	ND	ND	Q3
Caryophyllene	0.41	<LOQ	<LOQ	Q3	Valencene	0.41	ND	ND	Q3
Oxide									
Cedrol	0.41	ND	ND	Q3					

Primary Aromas



Cinnamon



Magnolia



Lemon



Hops



Earthy

93.96 mg/g

Total Terpenes

Qualifiers:
Date Tested: 01/30/2025 12:00 am

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Cherry Gary L/R

Concentrates & Extracts, Batter/Badder, Butane



Residual Solvents

Pass

Analyte	LOQ	Limit	Result	Status	Qualifier
	PPM	PPM	PPM		
Acetone	377.820	1000.000	ND	Pass	V1 L1 R1
Acetonitrile	153.590	410.000	ND	Pass	V1 L1 R1
Benzene	0.750	2.000	ND	Pass	V1 L1 R1
Butanes	2513.810	5000.000	ND	Pass	
Chloroform	22.620	60.000	ND	Pass	V1 L1 R1
Dichloromethane	229.910	600.000	ND	Pass	V1 L1 R1
Ethanol	1874.580	5000.000	ND	Pass	V1 L1 R1
Ethyl-Acetate	1876.360	5000.000	ND	Pass	V1 L1 R1
Ethyl-Ether	1869.040	5000.000	ND	Pass	V1 L1 R1
Heptane	1871.760	5000.000	ND	Pass	V1 L1 R1
Hexanes	107.900	290.000	ND	Pass	V1 L1 R1
Isopropanol	1865.790	5000.000	ND	Pass	V1 L1 R1
Isopropyl-Acetate	1869.250	5000.000	ND	Pass	V1 L1 R1
Methanol	1118.620	3000.000	ND	Pass	V1 L1 R1
Pentanes	1881.380	5000.000	ND	Pass	V1 L1 M2 R1
Toluene	336.650	890.000	ND	Pass	V1 L1 R1
Xylenes	806.610	2170.000	ND	Pass	V1 L1 R1

LEVEL ONE

Qualifiers:

Date Tested: 01/30/2025 07:00 am

Performed by GCMS-HS per SOP-LM-014. Methods used per AZDHS R9-17-404.03 and solvent limits set by AZDHS R9-17 Table 3.1. ADHS approved method for residual solvents by GCMS-HS for all listed analytes.



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Laboratory Director

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Cherry Gary L/R

Concentrates & Extracts, Batter/Badder, Butane



Pesticides

Pass

Analyte	LOQ	Limit	Units	Status	Qualifier	Analyte	LOQ	Limit	Units	Status	Qualifier
	PPM	PPM	PPM				PPM	PPM	PPM		
Abamectin	0.030	0.500	ND	Pass	M1	Hexythiazox	0.040	1.000	ND	Pass	
Acephate	0.040	0.400	ND	Pass		Imazalil	0.040	0.200	ND	Pass	L1
Acetamiprid	0.040	0.200	ND	Pass		Imidacloprid	0.040	0.400	ND	Pass	M1
Aldicarb	0.040	0.400	ND	Pass		Kresoxim Methyl	0.040	0.400	ND	Pass	
Azoxystrobin	0.050	0.200	ND	Pass		Malathion	0.040	0.200	ND	Pass	
Bifenazate	0.040	0.200	ND	Pass		Metalaxyl	0.040	0.200	ND	Pass	M1
Bifenthrin	0.040	0.200	ND	Pass	M1	Methiocarb	0.040	0.200	ND	Pass	
Boscalid	0.040	0.400	ND	Pass		Methomyl	0.050	0.400	ND	Pass	
Carbaryl	0.040	0.200	ND	Pass		Myclobutanil	0.050	0.200	ND	Pass	
Carbofuran	0.040	0.200	ND	Pass		Naled	0.040	0.500	ND	Pass	
Chlorantraniliprole	0.040	0.200	ND	Pass		Oxamyl	0.040	1.000	ND	Pass	M1
Chlorfenapyr	0.450	1.000	ND	Pass	M1	Paclobutrazol	0.050	0.400	ND	Pass	M1
Chlorpyrifos	0.050	0.200	ND	Pass	M1	Permethrins	0.050	0.200	ND	Pass	M1
Clofentezine	0.040	0.200	ND	Pass	M2	Phosmet	0.040	0.200	ND	Pass	
Cyfluthrin	0.440	1.000	ND	Pass	M1	Piperonyl Butoxide	0.040	2.000	0.089	Pass	
Cypermethrin	0.040	1.000	ND	Pass	M1	Prallethrin	0.040	0.200	ND	Pass	
Daminozide	0.450	1.000	ND	Pass	M1	Propiconazole	0.040	0.400	ND	Pass	M2
Dichlorvos (DDVP)	0.040	0.100	ND	Pass		Propoxur	0.050	0.200	ND	Pass	M1
Diazinon	0.050	0.200	ND	Pass	M1	Pyrethrins	0.450	1.000	ND	Pass	V1 M2
Dimethoate	0.040	0.200	ND	Pass	M1	Pyridaben	0.040	0.200	ND	Pass	
Ethoprophos	0.040	0.200	ND	Pass		Spinosad	0.050	0.200	ND	Pass	V1 L1 M2
Etofenprox	0.040	0.400	ND	Pass		Spiromesifen	0.040	0.200	ND	Pass	
Etoxazole	0.040	0.200	ND	Pass	M1	Spirotetramat	0.040	0.200	ND	Pass	M1
Fenoxycarb	0.050	0.200	ND	Pass		Spiroxamine	0.040	0.400	ND	Pass	
Fenpyroximate	0.040	0.400	ND	Pass	M1	Tebuconazole	0.050	0.400	ND	Pass	
Fipronil	0.040	0.400	ND	Pass	M1	Thiacloprid	0.040	0.200	ND	Pass	
Flonicamid	0.040	1.000	ND	Pass		Thiamethoxam	0.040	0.200	ND	Pass	
Fludioxonil	0.040	0.400	ND	Pass	M1	Trifloxystrobin	0.040	0.200	ND	Pass	M1

Herbicides

Analyte	LOQ	Limit	Units	Status
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Qualifiers:

Date Tested: 01/30/2025 12:00 am

Performed by LCMSMS per SOP-LM-021 and SOP-LM-022. ND = Not Detected; NR = Not Reported. Methods used per AZDHS R9-17-404.03 and pesticide limits set by AZDHS R9-17 Table 3.1. ADHS approved method for pesticide testing by LCMSMS for full list effective 5/1/2021.



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Concentrates & Extracts, Batter/Badder, Butane



Mycotoxins

Pass

Total Ochratoxins Date Tested: 01/31/2025
Total Aflatoxins Date Tested: 01/31/2025

Analyte	LOQ	Limit	Result	Status	Qualifier
	µg/kg	µg/kg	µg/kg		
Total Aflatoxins (B1 B2 G1 and G2)	4.00	20.00	4.57	Pass	
Total Ochratoxins (A and B)	2.00	20.00	3.48	Pass	

LEVEL ONE

TNTC = Too Numerous to Count. The lower limit of quantification for Aflatoxin is 4ppb and the lower limit of quantification for Ochratoxin is 2ppb unless noted on the CoA by further dilution. Unless otherwise stated all quality control samples performed within specifications. Analysis Method/Instrumentation: direct ELISA produced by Romer Labs and read on Bio-Tek 800TS microplate reader. Procedure followed SOP-LM-018. Methods used per AZDHS R9-17-404.03 and R9-17-404.04 and limits set by AZDHS R9-17 Table 3.1. ADHS approved method.



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Microbials

Pass

Analyte	Result	Result Units	Status	Qualifier
E. Coli	<10	CFU/G	Pass	
Salmonella	Not Detected	in one gram	Pass	
Aspergillus terreus	Not Detected	in one gram	Pass	
Aspergillus fumigatus, Aspergillus flavus, and Aspergillus niger	Not Detected	in one gram	Pass	

Qualifiers:

Date Tested: 01/31/2025 12:00 am

TNTC = Too Numerous to Count. The lower limit of quantification for E. coli is 10 CFU/g unless noted on the CoA by further dilution. Unless otherwise stated all quality control samples performed within specifications. Analysis Method/Instrumentation: E. coli plating via 3M Petrifilm per SOP-LM-019, Salmonella spp. And Aspergillus spp. detection by Bio-Rad CFX96 Deep Well real-time PCR per SOP-LM-016 & SOP-LM-017. Methods used per AZDHS R9-17-404.04 and microbial limits set by AZDHS R9-17 Table 3.1. ADHS approved method for microbials for all listed organisms.



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Heavy Metals

Pass

Analyte	Result	LOQ	Limit	Status	Qualifier
	PPM	PPM	PPM		
Arsenic	ND	0.087	0.400	Pass	
Cadmium	<0.087	0.087	0.400	Pass	
Lead	<0.087	0.087	1.000	Pass	
Mercury	ND	0.087	0.200	Pass	

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