



Certificate of Analysis

Sample provided to the laboratory by the client and tested as received.

Powered by Confident Cannabis

1 of 6

Redwood Reserves

hello@redwoodreserves.com

Sample: 6241CH0582.6280

Strain: Blend: Carolina Dream, Wild Bourbon, Golden Redwood

Batch#: 13225; Batch Size: 20 g

Sample Received: 06/05/2025; Report Created: 06/11/2025

Harvest/Production Date: 12/01/2024

Sampling: Random; Environment: Room Temp

Original Cigarettes

Plant, Flower - Cured, Outdoor

Harvest Process Lot: ; METRC Batch: ; METRC Sample:



Analyte	Analyte
THCa	CBN
Δ9-THC	CBGa
Δ8-THC	CBG
THCVa	CBCa
THCV	CBC
CBDa	CBLa
CBD	CBT
CBDVa	Δ10-THC
CBDV	Exo-THC

Cannabinoids

1 Serving = 1g servings/container

Pass

1363 HPLC3 20250605-2

06/05/2025 | METRC THC RPD Status: Not Tested ; METRC CBD RPD Status: Not Tested

0.18%

Total THC* (Calculated Decarboxylated Potential)

12.21%

Total CBD** (Calculated Decarboxylated Potential)

13.56%

Total Cannabinoids Analyzed

Analyte	LOQ	Mass	Mass
	mg/g	mg/g	%
THCa	0.5	1.8	0.18
Δ9-THC	0.5	<LOQ	<LOQ
Δ8-THC	0.5	<LOQ	<LOQ
THCVa	0.5	<LOQ	<LOQ
THCV	0.5	<LOQ	<LOQ
CBDa	0.5	120.6	12.06
CBD	0.5	1.5	0.15
CBDVa	0.5	2.1	0.21
CBDV	0.5	<LOQ	<LOQ
CBN	0.5	<LOQ	<LOQ
CBGa	0.5	3.8	0.38
CBG	0.5	<LOQ	<LOQ
CBCa	0.5	5.8	0.58
CBC	0.5	<LOQ	<LOQ
CBLa	0.5	<LOQ	<LOQ
CBT	0.5	<LOQ	<LOQ
Δ10-THC	0.5	<LOQ	<LOQ
Exo-THC	0.5	<LOQ	<LOQ
Total		135.6	13.56

Method: CH SOP 4400
 *Total THC = THCa * 0.877 + d9-THC. **Total CBD = CBDa * 0.877 + CBD. LOQ = Limit of Quantitation; NR = Not Reported; ND = Not Detected
 >ULOQ = above upper LOQ. ULOQ for pre-harvest hemp = 5% and 4% for CannaZoom Concentrates.



5691 SE International Way
 Portland, OR
 (503) 305-5252
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 Lic# OLCC 010-1002015CA5E ORELAP 4057

Patrick Trujillo
 Technical Director

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Original Cigarettes

Plant, Flower - Cured, Outdoor

Harvest Process Lot: ; METRC Batch: ; METRC Sample:



Pesticides

762 LCQQQ3 20250605-1

06/06/2025

Pass

Analyte	LOQ	Limit	Mass	Status	Analyte	LOQ	Limit	Mass	Status
	PPB	PPB	PPB			PPB	PPB	PPB	
Abamectin	400	500	<LOQ	Pass	Imazalil	100	200	<LOQ	Pass
Acephate	100	400	<LOQ	Pass	Imidacloprid	100	400	<LOQ	Pass
Acequinocyl	400	2000	<LOQ	Pass	Kresoxim Methyl	100	400	<LOQ	Pass
Acetamiprid	100	200	<LOQ	Pass	Malathion	100	200	<LOQ	Pass
Aldicarb	200	400	<LOQ	Pass	Metalaxyl	100	200	<LOQ	Pass
Azoxystrobin	100	200	<LOQ	Pass	Methiocarb	100	200	<LOQ	Pass
Bifenazate	100	200	<LOQ	Pass	Methomyl	100	400	<LOQ	Pass
Bifenthrin	100	200	<LOQ	Pass	Methyl Parathion	100	200	<LOQ	Pass
Boscalid	200	400	<LOQ	Pass	MGK-264	100	200	<LOQ	Pass
Carbaryl	100	200	<LOQ	Pass	Myclobutanil	100	200	<LOQ	Pass
Carbofuran	100	200	<LOQ	Pass	Naled	100	500	<LOQ	Pass
Chlorantraniliprole	100	200	<LOQ	Pass	Oxamyl	100	1000	<LOQ	Pass
Chlorfenapyr	400	1000	<LOQ	Pass	Paclobutrazol	100	400	<LOQ	Pass
Chlorpyrifos	100	200	<LOQ	Pass	Permethrins	100	200	<LOQ	Pass
Clofentezine	100	200	<LOQ	Pass	Phosmet	100	200	<LOQ	Pass
Cyfluthrin	400	1000	<LOQ	Pass	Piperonyl Butoxide	100	2000	<LOQ	Pass
Cypermethrin	400	1000	<LOQ	Pass	Prallethrin	100	200	<LOQ	Pass
Daminozide	400	1000	<LOQ	Pass	Propiconazole	200	400	<LOQ	Pass
Diazinon	100	200	<LOQ	Pass	Propoxur	100	200	<LOQ	Pass
Dichlorvos	200	1000	<LOQ	Pass	Pyrethrins	200	1000	<LOQ	Pass
Dimethoate	100	200	<LOQ	Pass	Pyridaben	100	200	<LOQ	Pass
Ethoprophos	100	200	<LOQ	Pass	Spinosad	100	200	<LOQ	Pass
Etofenprox	200	400	<LOQ	Pass	Spiromesifen	100	200	<LOQ	Pass
Etoxazole	100	200	<LOQ	Pass	Spirotetramat	100	200	<LOQ	Pass
Fenoxycarb	100	200	<LOQ	Pass	Spiroxamine	100	400	<LOQ	Pass
Fenpyroximate	200	400	<LOQ	Pass	Tebuconazole	100	400	<LOQ	Pass
Fipronil	100	400	<LOQ	Pass	Thiacloprid	100	200	<LOQ	Pass
Flonicamid	200	1000	<LOQ	Pass	Thiamethoxam	100	200	<LOQ	Pass
Fludioxonil	200	400	<LOQ	Pass	Trifloxystrobin	100	200	<LOQ	Pass
Hexythiazox	200	1000	<LOQ	Pass					

Method: Modified AOAC 2007.01, Triple Quad analysis; LOQ = Limit of Quantification; PPB = Parts Per Billion; ND = Not Detected; NR = Not Reported; ORELAP ID 4057



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Harvest/Production Date: 12/01/2024

Sampling: Random; Environment: Room Temp

Original Cigarettes

Plant, Flower - Cured, Outdoor

Harvest Process Lot: ; METRC Batch: ; METRC Sample:



Heavy Metals

Pass

06/09/2025 12:00

Analyte	Mass	LOQ	Limit	Status
	PPB	PPB	PPB	
Arsenic	<LOQ	10.00	200.00	Pass
Cadmium	<LOQ	10.00	200.00	Pass
Lead	<LOQ	50.00	500.00	Pass
Mercury	<LOQ	10.00	100.00	Pass

ChemHistory estimates its internal laboratory uncertainty acceptance limits to be 14.5% for sample heavy metal results.



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Original Cigarettes

Plant, Flower - Cured, Outdoor

Harvest Process Lot: ; METRC Batch: ; METRC Sample:



Terpenes

762 GJFID3 20250605-1
06/06/2025

Analyte	Mass %	Mass mg/g	LOQ %		Analyte	Mass %	Mass mg/g	LOQ %	
cis-Phytol	<LOQ	<LOQ	0.02		γ-Terpinene	<LOQ	<LOQ	0.02	
Valencene	<LOQ	<LOQ	0.02		Anisole	<LOQ	<LOQ	0.02	
Sabinene	<LOQ	<LOQ	0.02		Fenchone	<LOQ	<LOQ	0.02	
Ocimene 1	<LOQ	<LOQ	0.02		Isoborneol	<LOQ	<LOQ	0.02	
Geraniol	<LOQ	<LOQ	0.02		δ-Limonene	0.18	1.8	0.02	█
Neral	<LOQ	<LOQ	0.02		Ocimene 2	<LOQ	<LOQ	0.02	
α-Humulene	0.27	2.7	0.02	█	Camphene	<LOQ	<LOQ	0.02	
α-Terpinene	<LOQ	<LOQ	0.02		α-Phellandrene	<LOQ	<LOQ	0.02	
trans-Phytol	0.07	0.7	0.02	█	γ-Terpineol	<LOQ	<LOQ	0.02	
Caryophyllene Oxide	0.12	1.2	0.02	█	Geranyl Acetate	<LOQ	<LOQ	0.02	
(-) -β-Pinene	<LOQ	<LOQ	0.02		β-Caryophyllene	0.17	1.7	0.02	█
α-Pinene	0.16	1.6	0.02	█	Sabinene Hydrate	<LOQ	<LOQ	0.02	
Camphor	<LOQ	<LOQ	0.02		Nerol	<LOQ	<LOQ	0.02	
(-) -α-Bisabolol	0.25	2.5	0.02	█	trans-Nerolidol	0.18	1.8	0.02	█
α-Cedrene	<LOQ	<LOQ	0.02		Borneol	<LOQ	<LOQ	0.02	
Terpinolene	<LOQ	<LOQ	0.02		Hexahydro Thymol	<LOQ	<LOQ	0.02	
Endo-Fenchyl Alcohol	<LOQ	<LOQ	0.02		Squalene	0.13	1.3	0.02	█
p-Isopropyltoluene	<LOQ	<LOQ	0.02		δ-3-Carene	<LOQ	<LOQ	0.02	
Azulene	<LOQ	<LOQ	0.02		Eucalyptol	<LOQ	<LOQ	0.02	
α-Terpineol	<LOQ	<LOQ	0.02		Eugenol	<LOQ	<LOQ	0.02	
Cedrol	<LOQ	<LOQ	0.02		(-) -Isopulegol	<LOQ	<LOQ	0.02	
Citral	<LOQ	<LOQ	0.02		Pulegone	<LOQ	<LOQ	0.02	
(-) -Guaial	0.15	1.5	0.02	█	cis-Nerolidol	0.06	0.6	0.02	█
Linalool	<LOQ	<LOQ	0.02		β-Farnesene	<LOQ	<LOQ	0.02	
Neryl Acetate	<LOQ	<LOQ	0.02		cis-β-Farnesene	0.18	1.8	0.02	█
β-Myrcene	0.17	1.7	0.02	█	α-Farnesene	0.19	1.9	0.02	█

Primary Aromas

2.28% Total Terpenes	 Hops	 Cinnamon	 Chamomile	 Lemon	 Flowers
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Method: GC-FID CH SOP 4401; based on dry weight; LOQ = Limit of Quantification; NR = Not Reported; ND = Not Detected



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Water Activity

Pass

06/09/2025

0.4643 aw

0.655 Limit

Water Activity



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Plant, Flower - Cured, Outdoor

Harvest Process Lot: ; METRC Batch: ; METRC Sample:



Microbials (3M Petri Im)

Complete

06/06/2025

Analyte	Units	Status
	CFU/g	
Yeast & Mold	NR	Tested
E. Coli	NR	NT
Coliforms	NR	NT
Aerobic Bacteria	NR	NT
Enterobacteriaceae	NR	NT

Method: AOAC Method 997.02 & 990.12; Based on wet weight; CFU = Colony Forming Unit; TNC = Too Numerous to Count; NR = Not Reported; ND = Not Detected

Molecular Assays (RT-qPCR)

Complete

06/06/2025

Analyte	Result	Status
Hop-Latent Viroid	NR	NT
Shiga Toxin E. Coli	NR	NT
Aspergillus	NR	NT
Seedling Sex Determination	NR	NT



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