Certificate of Analysis

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

Powered by Confident Cannabis

Redwood Reserves

hello@redwoodreserves.com

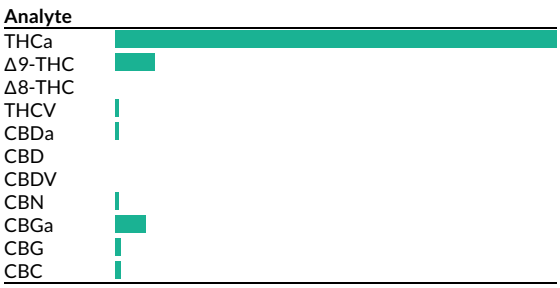
Lic. #AG-R1052346IHG

Sample: 2332CH0597.2134

Strain: OG Kush
Batch#: VFI1201; Batch Size: 5g
Sample Received: 04/21/2023; Report Created: 04/28/2023
Harvest/Production Date: 03/20/2023
Sampling: Random; Environment: Room Temp

OG Kush THCa Hemp

Plant, Flower - Cured, Outdoor
Harvest Process Lot: ; METRC Batch: ; METRC Sample:



Cannabinoids

Pass

929 HPLC5 20230421-2
04/23/2023 | METRC THC RPD Status: Not Tested ; METRC CBD RPD Status: Not Tested

0.25%
Total Δ9-THC

0.07%
Total CBD** (Calculated Decarboxylated Potential)

29.39%
Total Cannabinoids Analyzed

Moisture	Water Activity
8.1%	**NR**
15.0 Limit	0.655 Limit

Microbial Potential

Analyte	LOQ	Mass	Mass
	mg/g	%	mg/g
THCa	0.4	18.79	187.9
Δ9-THC	0.4	0.25	25.4
Δ8-THC	0.4	<LOQ	<LOQ
THCV	0.4	0.08	0.8
CBDa	0.4	0.08	0.8
CBD	0.4	<LOQ	<LOQ
CBDV	0.4	<LOQ	<LOQ
CBN	0.4	0.11	1.1
CBGa	0.4	1.91	16.1
CBG	0.4	0.28	2.8
CBC	0.4	0.20	2.0
Total		**29.39**	**293.9**

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

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OG Kush THCa Hemp

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

Terpenes

659 GCFID2 20230423-1
04/23/2023

Analyte	Mass %	Mass mg/g	LOQ %
cis-Phytol	<LOQ	<LOQ	0.02
Valencene	0.10	1.0	0.02
Sabinene	<LOQ	<LOQ	0.02
Ocimene 1	<LOQ	<LOQ	0.02
Geraniol	<LOQ	<LOQ	0.02
Neral	<LOQ	<LOQ	0.02
α-Humulene	0.33	3.3	0.02
α-Terpinene	<LOQ	<LOQ	0.02
trans-Phytol	0.05	0.5	0.02
Caryophyllene Oxide	0.05	0.5	0.02
(-) -β-Pinene	0.06	0.6	0.02
α-Pinene	0.08	0.8	0.02
Camphor	<LOQ	<LOQ	0.02
(-)-α-Bisabolol	0.24	2.4	0.02
α-Cedrene	<LOQ	<LOQ	0.02
Terpinolene	0.14	1.4	0.02
Endo-Fenchyl Alcohol	0.03	0.3	0.02
p-Isopropyltoluene	<LOQ	<LOQ	0.02
Azulene	<LOQ	<LOQ	0.02
α-Terpineol	<LOQ	<LOQ	0.02
Cedrol	<LOQ	<LOQ	0.02
Citral	<LOQ	<LOQ	0.02
(-)-Guaiol	0.05	0.5	0.02
Linalool	0.08	0.8	0.02
Neryl Acetate	<LOQ	<LOQ	0.02
β-Myrcene	0.43	4.3	0.02

Analyte	Mass %	Mass mg/g	LOQ %
γ-Terpinene	<LOQ	<LOQ	0.02
Anisole	<LOQ	<LOQ	0.02
Fenchone	<LOQ	<LOQ	0.02
Isoborneol	<LOQ	<LOQ	0.02
δ-Limonene	0.32	3.2	0.02
Ocimene 2	0.03	0.3	0.02
Camphene	<LOQ	<LOQ	0.02
α-Phellandrene	<LOQ	<LOQ	0.02
γ-Terpineol	<LOQ	<LOQ	0.02
Geranyl Acetate	0.04	0.4	0.02
β-Caryophyllene	0.88	8.8	0.02
Sabinene Hydrate	<LOQ	<LOQ	0.02
Nerol	<LOQ	<LOQ	0.02
trans-Nerolidol	0.05	0.5	0.02
Borneol	<LOQ	<LOQ	0.02
Hexahydro Thymol	<LOQ	<LOQ	0.02
Squalene	<LOQ	<LOQ	0.02
δ-3-Carene	<LOQ	<LOQ	0.02
Eucalyptol	<LOQ	<LOQ	0.02
Eugenol	<LOQ	<LOQ	0.02
(-)-Isopulegol	<LOQ	<LOQ	0.02
Pulegone	<LOQ	<LOQ	0.02
cis-Nerolidol	<LOQ	<LOQ	0.02
β-Farnesene	0.20	2.0	
cis-β-Farnesene	0.11	1.1	0.02
α-Farnesene	0.17	1.7	0.02

Primary Aromas

3.44%					
Total Terpenes	Cinnamon	Hops	Lemon	Chamomile	Magnolia

Method: GC-FID CH SOP 4401; based on dry weight; LOQ = Limit of Quantification; NR = Not Reported; ND = Not Detected

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OG Kush THCa Hemp

Plant, Flower - Cured, Outdoor
Harvest Process Lot: ; METRC Batch: ; METRC Sample:

Pesticides

Pass

1529 LCQQQ3 20230424-5
04/23/2023

Analyte	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Abamectin	400	500	<LOQ	Pass
Acephate	100	400	<LOQ	Pass
Acequinocyl	400	2000	<LOQ	Pass
Acetamiprid	100	200	<LOQ	Pass
Aldicarb	200	400	<LOQ	Pass
Azoxystrobin	100	200	<LOQ	Pass
Bifenazate	100	200	<LOQ	Pass
Bifenthrin	100	200	<LOQ	Pass
Boscalid	200	400	<LOQ	Pass
Carbaryl	100	200	<LOQ	Pass
Carbofuran	100	200	<LOQ	Pass
Chlorantraniliprole	100	200	<LOQ	Pass
Chlorfenapyr	400	1000	<LOQ	Pass
Chlorpyrifos	100	200	<LOQ	Pass
Clofentezine	100	200	<LOQ	Pass
Cyfluthrin	400	1000	<LOQ	Pass
Cypermethrin	400	1000	<LOQ	Pass
Daminozide	400	1000	<LOQ	Pass
Diazinon	100	200	<LOQ	Pass
Dichlorvos	200	1000	<LOQ	Pass
Dimethoate	100	200	<LOQ	Pass
Ethoprophos	100	200	<LOQ	Pass
Etofenprox	200	400	<LOQ	Pass
Etoxazole	100	200	<LOQ	Pass
Fenoxycarb	100	200	<LOQ	Pass
Fenpyroximate	200	400	<LOQ	Pass
Fipronil	100	400	<LOQ	Pass
Flonicamid	200	1000	<LOQ	Pass
Fludioxonil	200	400	<LOQ	Pass
Hexythiazox	200	1000	<LOQ	Pass

Analyte	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Imazalil	100	200	<LOQ	Pass
Imidacloprid	100	400	<LOQ	Pass
Kresoxim Methyl	100	400	<LOQ	Pass
Malathion	100	200	<LOQ	Pass
Metalaxyl	100	200	<LOQ	Pass
Methiocarb	100	200	<LOQ	Pass
Methomyl	100	400	<LOQ	Pass
Methyl Parathion	100	200	<LOQ	Pass
MGK-264	100	200	<LOQ	Pass
Myclobutanil	100	200	<LOQ	Pass
Naled	100	500	<LOQ	Pass
Oxamyl	100	1000	<LOQ	Pass
Paclobutrazol	100	400	<LOQ	Pass
Permethrins	100	200	<LOQ	Pass
Phosmet	100	200	<LOQ	Pass
Piperonyl Butoxide	100	2000	<LOQ	Pass
Prallethrin	100	200	<LOQ	Pass
Propiconazole	200	400	<LOQ	Pass
Propoxur	100	200	<LOQ	Pass
Pyrethrins	200	1000	<LOQ	Pass
Pyridaben	100	200	<LOQ	Pass
Spinosad	100	200	<LOQ	Pass
Spiromesifen	100	200	<LOQ	Pass
Spirotetramat	100	200	<LOQ	Pass
Spiroxamine	100	400	<LOQ	Pass
Tebuconazole	100	400	<LOQ	Pass
Thiacloprid	100	200	<LOQ	Pass
Thiamethoxam	100	200	<LOQ	Pass
Trifloxystrobin	100	200	<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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OG Kush THCa Hemp

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

Heavy Metals — Pass

04/24/2023 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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OG Kush THCa Hemp

Plant, Flower - Cured, Outdoor
Harvest Process Lot: ; METRC Batch: ; METRC Sample:

Water Activity

Pass

04/24/2023

0.4625 aw

0.655 Limit

Water Activity

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Microbials (3M Petri lm) — Complete

04/24/2023

Analyte	Units	Status
	CFU/g	
Yeast & Mold	ND	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

04/24/2023

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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