Regulatory Compliance Testing

CERTIFICATE OF ANALYSIS

DATE ISSUED 11/07/2024 | OVERALL BATCH RESULT: PASS

SAMPLE NAME: White Tahoe Cookies

Flower, Inhalable

CULTIVATOR / MANUFACTURER

Business Name:

License Number:

Address:

DISTRIBUTOR

Business Name:

License Number:

Address:

SAMPLE DETAIL

Batch Number:

Sample ID: 241104P042

Source Metrc UID:

Date Collected: 11/04/2024

Date Received: 11/05/2024

Batch Size: 22700.0 grams

Sample Size: 82.8 grams

Unit Mass:

Serving Size:

Sampling Method: QSP 1265 - Sampling of Cannabis and Product Batches

CANNABINOID ANALYSIS - SUMMARY

CALCULATED USING DRY-WEIGHT

Sum of Cannabinoids: **31.4174%**

Total Cannabinoids: **29.3059%**

Total THC: **27.3523%**

Total CBD: **0.1906%**

Sum of Cannabinoids = Δ^9-THC + THCa + CBD + CBDa + CBG + CBGa + THCV + THCVa + CBC + CBCa + CBDV + CBDVa + Δ^8-THC + CBL + CBN
Total Cannabinoids = (Δ^9-THC+0.877*THCa+Δ^8-THC) + (CBD+0.877*CBDa) + (CBG+0.877*CBGa) + (THCV+0.877*THCVa) + (CBC+0.877*CBCa) + (CBDV+0.877*CBDVa) + CBL + CBN
Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:
Total THC = Δ^9-THC + (THCa (0.877)) + Δ^8-THC
Total CBD = CBD + (CBDa (0.877))

Moisture: 12.0%

TERPENOID ANALYSIS - SUMMARY

39 TESTED, TOP 3 HIGHLIGHTED

Total Terpenoids: **3.0699%**

β-Caryophyllene 9.963 mg/g | Limonene 6.092 mg/g | α-Humulene 3.351 mg/g

SAFETY ANALYSIS - SUMMARY

Pesticides: **PASS**

Mycotoxins: **PASS**

Heavy Metals: **PASS**

Microbiology: **PASS**

Foreign Material: **PASS**

Water Activity: **PASS**

These results relate only to the sample included on this report.
This report shall not be reproduced, except in full, without written approval of the laboratory.

Sample Certification: California Code of Regulations Title 4 Division 19. Department of Cannabis Control Business and Professions Code. Reference: Sections 26100, 26104 and 26110, Business and Professions Code.

Decision Rule: Statements of conformity (e.g. Pass/Fail) to specifications are made in this report without taking measurement uncertainty into account. Where statements of conformity are made in this report, the following decision rules are applied: PASS - Results within limits/specifications, FAIL - Results exceed limits/specifications.

References: limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT)

All QC samples were performed and met the prescribed acceptance criteria in 4 CCR section 15730, as attested by:
Yasmin Kakkar
Job Title: Senior Laboratory Analyst
Date: 11/07/2024

Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 11/07/2024

CANNABINOID TEST RESULTS - 11/06/2024

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD). Calculated using Dry-Weight. **Method:** QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

TOTAL CANNABINOIDS: **29.3059%**
Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + CBL + CBN

TOTAL THC: **27.3523%**
Total THC (Δ^9-THC+0.877*THCa+Δ^8-THC)

TOTAL CBD: **0.1906%**
Total CBD (CBD+0.877*CBDa)

TOTAL CBG: 1.2689%
Total CBG (CBG+0.877*CBGa)

TOTAL THCV: 0.0838%
Total THCV (THCV+0.877*THCVa)

TOTAL CBC: 0.2654%
Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: ND
Total CBDV (CBDV+0.877*CBDVa)

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
THCa	*0.062 / 0.250*	*±4.0723*	**290.123**	**29.0123**
Δ^9-THC	*0.047 / 0.250*	*±1.5129*	**2.475**	**0.2475**
CBGa	*0.040 / 0.250*	*±0.3368*	**11.986**	**1.1986**
CBG	*0.037 / 0.250*	*±0.0283*	**2.177**	**0.2177**
CBCa	*0.199 / 0.500*	*±0.0731*	**1.842**	**0.1842**
CBDa	*0.031 / 0.250*	*±0.0328*	**1.803**	**0.1803**
CBN	*0.033 / 0.250*	*±0.0200*	**1.449**	**0.1449**
CBC	*0.072 / 0.250*	*±0.0274*	**1.039**	**0.1039**
THCVa	*0.040 / 0.250*	*±0.0086*	**0.955**	**0.0955**
CBD	*0.062 / 0.250*	*±0.0059*	**0.325**	**0.0325**
Δ^8-THC	*0.075 / 0.250*	*N/A*	**ND**	**ND**
THCV	*0.052 / 0.250*	*N/A*	**ND**	**ND**
CBDV	*0.044 / 0.250*	*N/A*	**ND**	**ND**
CBDVa	*0.017 / 0.250*	*N/A*	**ND**	**ND**
CBL	*0.126 / 0.382*	*N/A*	**ND**	**ND**
SUM OF CANNABINOIDS			**314.174 mg/g**	**31.4174%**

MOISTURE TEST RESULT

12.0%
Tested 11/06/2024
Method: QSP 1224 - Loss on Drying (Moisture)

TERPENOID TEST RESULTS - 11/07/2024

Terpene analysis utilizing gas chromatography-flame ionization detection (GC-FID). **Method:** QSP 1192 - Analysis of Terpenoids by GC-FID

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
β-Caryophyllene	*0.004 / 0.013*	*±0.5360*	**9.963**	**0.9963**
Limonene	*0.005 / 0.016*	*±0.1986*	**6.092**	**0.6092**
α-Humulene	*0.009 / 0.180*	*±0.1803*	**3.351**	**0.3351**
Linalool	*0.009 / 0.036*	*±0.1109*	**2.823**	**0.2823**
α-Bisabolol	*0.008 / 0.026*	*±0.0614*	**1.429**	**0.1429**
Nerolidol	*0.006 / 0.021*	*±0.1006*	**1.272**	**0.1272**
α-Pinene	*0.005 / 0.036*	*±0.0359*	**1.004**	**0.1004**

TERPENOID TEST RESULTS - 11/07/2024 *continued*

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
β-Pinene	*0.004 / 0.015*	*±0.0287*	**0.888**	**0.0888**
Terpineol	*0.008 / 0.025*	*±0.0524*	**0.857**	**0.0857**
Fenchol	*0.009 / 0.036*	*±0.0302*	**0.821**	**0.0821**
Myrcene	*0.007 / 0.025*	*±0.0209*	**0.590**	**0.0590**
Caryophyllene Oxide	*0.011 / 0.038*	*±0.0266*	**0.448**	**0.0448**
trans-β-Farnesene	*0.008 / 0.028*	*±0.0194*	**0.340**	**0.0340**
Borneol	*0.004 / 0.014*	*±0.0083*	**0.178**	**0.0178**
β-Ocimene	*0.005 / 0.025*	*±0.0064*	**0.162**	**0.0162**
Camphene	*0.004 / 0.014*	*±0.0050*	**0.153**	**0.0153**
Fenchone	*0.008 / 0.036*	*±0.0048*	**0.128**	**0.0128**
Eucalyptol	*0.005 / 0.018*	*±0.0024*	**0.060**	**0.0060**
Terpinolene	*0.008 / 0.036*	*±0.0008*	**0.053**	**0.0053**
Sabinene Hydrate	*0.007 / 0.036*	*±0.0017*	**0.047**	**0.0047**
Citronellol	*0.003 / 0.036*	*±0.0011*	**0.040**	**0.0040**
α-Cedrene	*0.005 / 0.017*	*N/A*	**<LOQ**	**<LOQ**
α-Phellandrene	*0.006 / 0.036*	*N/A*	**<LOQ**	**<LOQ**
α-Terpinene	*0.006 / 0.019*	*N/A*	**<LOQ**	**<LOQ**
γ-Terpinene	*0.005 / 0.018*	*N/A*	**<LOQ**	**<LOQ**
Geraniol	*0.002 / 0.036*	*N/A*	**<LOQ**	**<LOQ**
Guaiol	*0.011 / 0.035*	*N/A*	**<LOQ**	**<LOQ**
Nerol	*0.003 / 0.036*	*N/A*	**<LOQ**	**<LOQ**
Valencene	*0.010 / 0.180*	*N/A*	**<LOQ**	**<LOQ**
Camphor	*0.005 / 0.036*	*N/A*	**ND**	**ND**
Cedrol	*0.009 / 0.032*	*N/A*	**ND**	**ND**
Δ^3-Carene	*0.005 / 0.018*	*N/A*	**ND**	**ND**
Geranyl Acetate	*0.004 / 0.036*	*N/A*	**ND**	**ND**
Isoborneol	*0.003 / 0.011*	*N/A*	**ND**	**ND**
Isopulegol	*0.004 / 0.036*	*N/A*	**ND**	**ND**
Menthol	*0.008 / 0.025*	*N/A*	**ND**	**ND**
p-Cymene	*0.005 / 0.015*	*N/A*	**ND**	**ND**
Pulegone	*0.003 / 0.010*	*N/A*	**ND**	**ND**
Sabinene	*0.004 / 0.014*	*N/A*	**ND**	**ND**
TOTAL TERPENOIDS			**30.699 mg/g**	**3.0699%**

CATEGORY 1 PESTICIDE TEST RESULTS - 11/07/2024 PASS

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS). *GC-MS utilized where indicated. **Method:** QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS or QSP 1213 - Analysis of Pesticides by GC-MS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Aldicarb	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Carbofuran	0.02 / 0.05	≥ LOD	N/A	ND	PASS
Chlordane*	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Chlorfenapyr*	0.03 / 0.10	≥ LOD	N/A	ND	PASS
Chlorpyrifos	0.02 / 0.06	≥ LOD	N/A	ND	PASS
Coumaphos	0.02 / 0.07	≥ LOD	N/A	ND	PASS
Daminozide	0.02 / 0.07	≥ LOD	N/A	ND	PASS
Dichlorvos (DDVP)	0.03 / 0.09	≥ LOD	N/A	ND	PASS
Dimethoate	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Ethoprophos	0.03 / 0.10	≥ LOD	N/A	ND	PASS
Etofenprox	0.02 / 0.06	≥ LOD	N/A	ND	PASS
Fenoxycarb	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Fipronil	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Imazalil	0.02 / 0.06	≥ LOD	N/A	ND	PASS
Methiocarb	0.02 / 0.07	≥ LOD	N/A	ND	PASS
Mevinphos	0.03 / 0.09	≥ LOD	N/A	ND	PASS
Paclobutrazol	0.02 / 0.05	≥ LOD	N/A	ND	PASS
Parathion-methyl	0.03 / 0.10	≥ LOD	N/A	ND	PASS
Propoxur	0.03 / 0.09	≥ LOD	N/A	ND	PASS
Spiroxamine	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Thiacloprid	0.03 / 0.10	≥ LOD	N/A	ND	PASS

CATEGORY 2 PESTICIDE TEST RESULTS - 11/07/2024 PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Abamectin	0.03 / 0.10	0.1	N/A	ND	PASS
Acephate	0.02 / 0.07	0.1	N/A	ND	PASS
Acequinocyl	0.02 / 0.07	0.1	N/A	ND	PASS
Acetamiprid	0.02 / 0.05	0.1	N/A	ND	PASS
Azoxystrobin	0.02 / 0.07	0.1	N/A	ND	PASS
Bifenazate	0.01 / 0.04	0.1	N/A	ND	PASS
Bifenthrin	0.02 / 0.05	3	N/A	ND	PASS
Boscalid	0.03 / 0.09	0.1	N/A	ND	PASS
Captan	0.19 / 0.57	0.7	N/A	ND	PASS
Carbaryl	0.02 / 0.06	0.5	N/A	ND	PASS
Chlorantranilip-role	0.04 / 0.12	10	N/A	ND	PASS
Clofentezine	0.03 / 0.09	0.1	N/A	ND	PASS

CATEGORY 2 PESTICIDE TEST RESULTS - 11/07/2024 *continued*

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Cyfluthrin	0.12 / 0.38	2	N/A	ND	PASS
Cypermethrin	0.11 / 0.32	1	N/A	ND	PASS
Diazinon	0.02 / 0.05	0.1	N/A	ND	PASS
Dimethomorph	0.03 / 0.09	2	N/A	ND	PASS
Etoxazole	0.02 / 0.06	0.1	N/A	ND	PASS
Fenhexamid	0.03 / 0.09	0.1	N/A	ND	PASS
Fenpyroximate	0.02 / 0.06	0.1	N/A	ND	PASS
Flonicamid	0.03 / 0.10	0.1	N/A	ND	PASS
Fludioxonil	0.03 / 0.10	0.1	N/A	ND	PASS
Hexythiazox	0.02 / 0.07	0.1	N/A	ND	PASS
Imidacloprid	0.04 / 0.11	5	N/A	ND	PASS
Kresoxim-methyl	0.02 / 0.07	0.1	N/A	ND	PASS
Malathion	0.03 / 0.09	0.5	N/A	ND	PASS
Metalaxyl	0.02 / 0.07	2	N/A	ND	PASS
Methomyl	0.03 / 0.10	1	N/A	ND	PASS
Myclobutanil	0.03 / 0.09	0.1	N/A	ND	PASS
Naled	0.02 / 0.07	0.1	N/A	ND	PASS
Oxamyl	0.04 / 0.11	0.5	N/A	ND	PASS
Pentachloronitro-benzene (Quintozene)*	0.03 / 0.09	0.1	N/A	ND	PASS
Permethrin	0.04 / 0.12	0.5	N/A	ND	PASS
Phosmet	0.03 / 0.10	0.1	N/A	ND	PASS
Piperonyl Butoxide	0.02 / 0.07	3	N/A	ND	PASS
Prallethrin	0.03 / 0.08	0.1	N/A	ND	PASS
Propiconazole	0.02 / 0.07	0.1	N/A	ND	PASS
Pyrethrins	0.04 / 0.12	0.5	N/A	ND	PASS
Pyridaben	0.02 / 0.07	0.1	N/A	ND	PASS
Spinetoram	0.02 / 0.07	0.1	N/A	ND	PASS
Spinosad	0.02 / 0.07	0.1	N/A	ND	PASS
Spiromesifen	0.02 / 0.05	0.1	N/A	ND	PASS
Spirotetramat	0.02 / 0.06	0.1	N/A	ND	PASS
Tebuconazole	0.02 / 0.07	0.1	N/A	ND	PASS
Thiamethoxam	0.03 / 0.10	5	N/A	ND	PASS
Trifloxystrobin	0.03 / 0.08	0.1	N/A	ND	PASS

MYCOTOXIN TEST RESULTS - 11/07/2024 PASS

Mycotoxin analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS). **Method:** QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS

COMPOUND	LOD/LOQ (µg/kg)	ACTION LIMIT (µg/kg)	MEASUREMENT UNCERTAINTY (µg/kg)	RESULT (µg/kg)	RESULT
Aflatoxin B1	*2.0 / 6.0*		*N/A*	**ND**	
Aflatoxin B2	*1.8 / 5.6*		*N/A*	**ND**	
Aflatoxin G1	*1.0 / 3.1*		*N/A*	**ND**	
Aflatoxin G2	*1.2 / 3.5*		*N/A*	**ND**	
Ochratoxin A	*6.3 / 19.2*	*20*	*N/A*	**ND**	**PASS**
Total Aflatoxin		*20*		**ND**	**PASS**

HEAVY METALS TEST RESULTS - 11/07/2024 PASS

Heavy metal analysis utilizing inductively coupled plasma-mass spectrometry (ICP-MS). **Method:** QSP 1160 - Analysis of Heavy Metals by ICP-MS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Arsenic	*0.02 / 0.1*	*0.2*	*N/A*	**<LOQ**	**PASS**
Cadmium	*0.02 / 0.05*	*0.2*	*N/A*	**<LOQ**	**PASS**
Lead	*0.04 / 0.1*	*0.5*	*N/A*	**<LOQ**	**PASS**
Mercury	*0.002 / 0.01*	*0.1*	*N/A*	**<LOQ**	**PASS**

MICROBIOLOGY TEST RESULTS - 11/07/2024 PASS

Analysis conducted by polymerase chain reaction (PCR) and fluorescence detection of microbiological contaminants. **Method:** QSP 1221 - Analysis of Microbiological Contaminants

COMPOUND	ACTION LIMIT	RESULT	RESULT
Aspergillus flavus	*Not Detected in 1g*	**ND**	**PASS**
Aspergillus fumigatus	*Not Detected in 1g*	**ND**	**PASS**
Aspergillus niger	*Not Detected in 1g*	**ND**	**PASS**
Aspergillus terreus	*Not Detected in 1g*	**ND**	**PASS**
***Salmonella* spp.**	*Not Detected in 1g*	**ND**	**PASS**
Shiga toxin-producing *Escherichia coli*	*Not Detected in 1g*	**ND**	**PASS**

FOREIGN MATERIAL TEST RESULTS - 11/05/2024 PASS

Visual analysis includes, but is not limited to, sand, soil, cinders, dirt, mold, hair, insect fragments, and mammalian excreta. **Method:** QSP 1226 - Analysis of Foreign Material in Cannabis and Cannabis Products

COMPOUND	ACTION LIMIT	RESULT	RESULT
Hair Count	*> 1 per 3 grams*	**0.0**	**PASS**
Insect Fragment Count	*> 1 per 3 grams*	**0.0**	**PASS**
Mammalian Excreta Count	*> 1 per 3 grams*	**0.0**	**PASS**
Total Sample Area Covered by an Imbedded Foreign Material	*>25%*	**None**	**PASS**
Total Sample Area Covered by Mold	*>25%*	**None**	**PASS**
Total Sample Area Covered by Sand, Soil, Cinders, or Dirt	*>25%*	**None**	**PASS**

WATER ACTIVITY TEST RESULTS - 11/06/2024 PASS

Method: QSP 1227 - Analysis of Water Activity in Cannabis and Cannabis Products

COMPOUND	LOD/LOQ (Aw)	ACTION LIMIT (Aw)	MEASUREMENT UNCERTAINTY (Aw)	RESULT (Aw)	RESULT
Water Activity	*0.030 / 0.15*	*0.65*	*±0.004*	**0.51**	**PASS**