

TBF-122-SV-23-PI-EO-

Sample ID: HR20241291012
Strain: 2023 Pine #122
Matrix: Concentrates & Extracts
Type: Other
Sample Size: ; Batch:

Produced: 12/23/2024
Collected:
Received: 12/27/2024
Completed: 04/16/2025
Batch#: 590172

Client
Terpene Belt
Lic. #
174 Lawrence Dr, Suite J
Livermore, CA 94551



Summary

Test	Date Tested	Result
Batch		Pass
Cannabinoids	12/27/2024	Complete
Terpenes	12/27/2024	Complete
Residual Solvents	12/27/2024	Pass
Microbials	12/30/2024	Pass
Mycotoxins	12/27/2024	Pass
Pesticides	12/27/2024	Pass
Heavy Metals	12/30/2024	Pass
Foreign Matter	12/27/2024	Pass

Cannabinoids Complete

ND				ND				ND			
Total THC				Total CBD				Total Cannabinoids			
Analyte	LOD	LOQ	Result	Result	Result	Result	Result	Result	Result	Result	Result
	mg/g	mg/g	%	mg/g	mg/unit	mg/unit	mg/unit	mg/unit	mg/unit	mg/unit	mg/serving
THCa	0.20000	0.61000	ND	ND							
Δ9-THC	0.15000	0.45000	ND	ND							
Δ8-THC	0.14000	0.42000	ND	ND							
THCV	0.15000	0.44000	ND	ND							
CBDa	0.10000	0.31000	ND	ND							
CBD	0.15000	0.45000	ND	ND							
CBN	0.16000	0.50000	ND	ND							
CBG	0.13000	0.39000	ND	ND							
CBC	0.14000	0.42000	ND	ND							
Total THC			ND	ND				ND			ND
Total CBD			ND	ND				ND			ND
Total			ND	ND				ND			ND
Sum of Cannabinoids											

Determination of Cannabinoids by HPLC, HL223
Total THC = Δ9-THCa * 0.877 + Δ9-THC
Total CBD = CBDa * 0.877 + CBD
ND = Not Detected; NR = Not Reported; LOD = Limit of Detection; 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. HL105.10-01. Cannabinoid Testing: Pass/Fail decision determined by Department of Cannabis Control CCR title 4 Division 19 §15724. Water activity testing: Pass/Fail decision determined by Department of Cannabis Control CCR title 4 Division 19 §15717.



Ming Li
Ming Li - General Manager
04/16/2025

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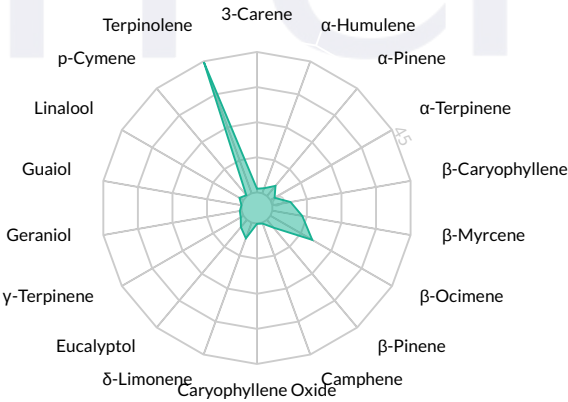
ISO 17025 accredited by A2LA (Certificate No: 4074.01 & 4074.02). Sampling Procedure: SOP HL 110.2; Foreign Material: UV light/Microscope SOP HL 323, SOP HL 324; Water Activity: Water Activity Meter SOP HL 238; Moisture: Drying Oven SOP HL217.1; All LQC ran in accordance with 4 CCR sec. 15730. This product has been tested by Harrens Lab Inc. using valid testing methodologies and a quality system as required by state law. Values reported relate only to the product tested. Harrens Lab Inc. makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Harrens Lab Inc.

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Matrix: Concentrates & Extracts	Received: 12/27/2024	Lic. #
Type: Other	Completed: 04/16/2025	174 Lawrence Dr, Suite J
Sample Size: ; Batch:	Batch#: 590172	Livermore, CA 94551

Terpenes (R&D)

Analyte	LOD	LOQ	Result	Result	
	mg/g	mg/g	mg/g	%	
Terpinolene	0.08000	0.1000	442.98	44.298	
β-Ocimene	0.08000	0.1000	152.93	15.293	
β-Myrcene	0.08000	0.1000	96.47	9.647	
β-Caryophyllene	0.08000	0.1000	58.63	5.863	
δ-Limonene	0.08000	0.1000	53.13	5.313	
α-Pinene	0.08000	0.1000	41.95	4.195	
β-Pinene	0.08000	0.1000	32.01	3.201	
Eucalyptol	0.08000	0.1000	29.73	2.973	
α-Humulene	0.08000	0.1000	17.18	1.718	
α-Terpinene	0.08000	0.1000	15.11	1.511	
Linalool	0.08000	0.1000	14.51	1.451	
3-Carene	0.08000	0.1000	11.54	1.154	
γ-Terpinene	0.08000	0.1000	9.94	0.994	
Geraniol	0.08000	0.1000	5.65	0.565	
Camphene	0.08000	0.1000	3.36	0.336	
p-Cymene	0.08000	0.1000	3.10	0.310	
Caryophyllene Oxide	0.08000	0.1000	0.88	0.088	
Guaiol	0.08000	0.1000	0.48	0.048	
α-Bisabolol	0.08000	0.1000	ND	ND	
cis-Nerolidol	0.08000	0.1000	ND	ND	
Isopulegol	0.08000	0.1000	ND	ND	
trans-Nerolidol	0.08000	0.1000	ND	ND	
Total			989.58	98.958	



Primary Aromas



Turpentine



Earthy



Hops




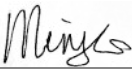
Cinnamon



Lemon


Date Tested: 12/27/2024
ND = Not Detected; NR = Not Reported; LOD = Limit of Detection; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. HL105.10-01. SOP HL228. GC-FID





Ming Li - General Manager
04/16/2025

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Batch#: 590172

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Terpene Belt
Lic. #
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Livermore, CA 94551

Pesticides

Pass

Analyte	LOD	LOQ	Limit	Result	Status	Analyte	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g			µg/g	µg/g	µg/g	µg/g	
Abamectin	0.02	0.07	0.1	ND	Pass	Fludioxonil	0.02	0.07	0.1	ND	Pass
Acephate	0.02	0.07	0.1	ND	Pass	Hexythiazox	0.03	0.09	0.1	ND	Pass
Acequinocyl	0.03	0.08	0.1	ND	Pass	Imazalil	0.03	0.09	0.03	ND	Pass
Acetamiprid	0.02	0.07	0.1	ND	Pass	Imidacloprid	0.03	0.1	5	ND	Pass
Aldicarb	0.03	0.08	0.03	ND	Pass	Kresoxim Methyl	0.02	0.05	0.1	ND	Pass
Azoxystrobin	0.02	0.06	0.1	ND	Pass	Malathion	0.02	0.05	0.5	ND	Pass
Bifenazate	0.02	0.07	0.1	ND	Pass	Metalaxyl	0.03	0.1	2	ND	Pass
Bifenthrin	0.04	0.11	3	ND	Pass	Methiocarb	0.02	0.06	0.02	ND	Pass
Boscalid	0.02	0.07	0.1	ND	Pass	Methomyl	0.02	0.07	1	ND	Pass
Captan	0.06	0.19	0.7	ND	Pass	Mevinphos	0.03	0.08	0.03	ND	Pass
Carbaryl	0.03	0.08	0.5	ND	Pass	Myclobutanil	0.02	0.06	0.1	ND	Pass
Carbofuran	0.03	0.09	0.03	ND	Pass	Naled	0.01	0.03	0.1	ND	Pass
Chlorantraniliprole	0.02	0.06	10	ND	Pass	Oxamyl	0.03	0.09	0.5	ND	Pass
Chlordane	0.03	0.08	0.03	ND	Pass	Paclobutrazol	0.03	0.09	0.03	ND	Pass
Chlorfenapyr	0.02	0.07	0.02	ND	Pass	Parathion Methyl	0.02	0.07	0.02	ND	Pass
Chlorpyrifos	0.01	0.04	0.01	ND	Pass	Pentachloronitrobenzene	0.02	0.05	0.1	ND	Pass
Clofentezine	0.03	0.09	0.1	ND	Pass	Permethrin	0.02	0.07	0.5	ND	Pass
Coumaphos	0.02	0.07	0.02	ND	Pass	Phosmet	0.03	0.09	0.1	ND	Pass
Cyfluthrin	0.02	0.07	2	ND	Pass	Piperonyl Butoxide	0.03	0.08	3	ND	Pass
Cypermethrin	0.02	0.06	1	ND	Pass	Prallethrin	0.03	0.08	0.1	ND	Pass
Daminozide	0.02	0.07	0.02	ND	Pass	Propiconazole	0.03	0.09	0.1	ND	Pass
Diazinon	0.01	0.03	0.1	ND	Pass	Propoxur	0.03	0.08	0.03	ND	Pass
Dichlorvos	0.03	0.08	0.03	ND	Pass	Pyrethrins	0.01	0.04	0.5	ND	Pass
Dimethoate	0.02	0.05	0.02	ND	Pass	Pyridaben	0.03	0.09	0.1	ND	Pass
Dimethomorph	0.03	0.08	2	ND	Pass	Spinetoram	0.02	0.07	0.1	ND	Pass
Ethoprophos	0.03	0.08	0.03	ND	Pass	Spinosad	0.03	0.08	0.1	ND	Pass
Etofenprox	0.02	0.06	0.02	ND	Pass	Spiromesifen	0.03	0.09	0.1	ND	Pass
Etoazole	0.02	0.07	0.1	ND	Pass	Spirotetramat	0.02	0.07	0.1	ND	Pass
Fenhexamid	0.03	0.09	0.1	ND	Pass	Spiroxamine	0.03	0.08	0.03	ND	Pass
Fenoxycarb	0.02	0.07	0.02	ND	Pass	Tebuconazole	0.03	0.08	0.1	ND	Pass
Fenpyroximate	0.03	0.08	0.1	ND	Pass	Thiacloprid	0.02	0.06	0.02	ND	Pass
Fipronil	0.03	0.08	0.03	ND	Pass	Thiamethoxam	0.03	0.08	5	ND	Pass
Flonicamid	0.02	0.07	0.1	ND	Pass	Trifloxystrobin	0.03	0.1	0.1	ND	Pass

Date Tested: 12/27/2024

We analyze samples by AOAC Official Method 2007.01-Modified; ND = Not Detected; NR = Not Reported; LOD = Limit of Detection; 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. HL105.10-01. Tested by LC/MS/MS and GC/MS/MS, HL201.2. Pass/Fail decision determined by Department of Cannabis Control CCR title 4 Division 19 §15719.



Ming

Ming Li - General Manager
04/16/2025

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Residual Solvents

Analyte	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g	
1,2-Dichloro-Ethane	0.15	0.45	1	ND	Pass
Acetone	1.62	4.92	5000	453.7	Pass
Acetonitrile	2.14	6.5	410	ND	Pass
Benzene	0.17	0.51	1	ND	Pass
Butane	10.12	30.68	5000	ND	Pass
Chloroform	0.2	0.6	1	ND	Pass
Ethanol	2.73	8.27	5000	ND	Pass
Ethyl-Acetate	1.27	3.86	5000	ND	Pass
Ethyl-Ether	2.88	8.72	5000	ND	Pass
Ethylene Oxide	0.13	0.39	1	ND	Pass
Heptane	1.73	5.25	5000	ND	Pass
Isopropanol	2.03	6.14	5000	ND	Pass
Methanol	2.26	6.86	3000	ND	Pass
Methylene-Chloride	0.31	0.94	1	ND	Pass
n-Hexane	3.46	10.5	290	ND	Pass
Pentane	7.88	23.88	5000	ND	Pass
Propane	7.47	22.62	5000	ND	Pass
Toluene	1.37	4.16	890	ND	Pass
Trichloroethene	0.14	0.44	1	ND	Pass
Xylenes	2.86	8.68	2170	ND	Pass

Date Tested: 12/27/2024

ND = Not Detected; SOP HL231. Headspace GC-FID. Pass/Fail decision determined by Department of Cannabis Control CCR title 4 Division 19 §15718.



Ming

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Microbials

Pass

Analyte	Result	Status
Aerobic Plate Count	NR	NT
Aspergillus flavus	Not Detected in 1g	Pass
Aspergillus fumigatus	Not Detected in 1g	Pass
Aspergillus niger	Not Detected in 1g	Pass
Aspergillus terreus	Not Detected in 1g	Pass
Shiga Toxin-producing E. coli	Not Detected in 1g	Pass
Salmonella SPP	Not Detected in 1g	Pass
Yeast & Mold	NR	NT

Date Tested: 12/30/2024

NR = Not Reported; Aerobic Bacteria refers to Aerobic Plate Count, we analyze by method FDA BAM Jan 2001, Chapter 3. E.coli refers to E.coli Plate Count, we analyze by method FDA BAM Jan 2001, Chapter 4. Coliforms refers to Coliform Plate Count, we analyze by method FDA BAM Jan 2001, Chapter 4. Salmonella analysis method by Compact Dry SL, Hardy Diagnostics. Visual Mold inspection by UV light. 1= Mold Present, 0=Mold Not Present. Yeast and Mold Plate count method by AOAC no. 100401 or FDA BAM Jan 2001, Chapter 18. HL105.10-01. Salmonella and STEC: SOP HL 316. Aspergillus sp.: SOP HL311.2 (modified) & SOP HL 317. Microbial Testing: Pass/Fail decision determined by Department of Cannabis Control CCR title 4 Division 19 §15720 and §15722.

Mycotoxins

Pass

Analyte	LOD	LOQ	Limit	Result	Status
	µg/kg	µg/kg	µg/kg	µg/kg	
Aflatoxin B1	1.1	3.4		ND	Tested
Aflatoxin B2	1.3	4		ND	Tested
Aflatoxin G1	2.8	8.4		ND	Tested
Aflatoxin G2	1.4	4.2		ND	Tested
Total Aflatoxins	6.6	20	20	ND	Pass
Ochratoxin A	2.8	8.4	20	ND	Pass

Date Tested: 12/27/2024

SOP HL 240. Total Aflatoxins = Aflatoxin B1 + Aflatoxin B2 + Aflatoxin G1 + Aflatoxin G2. Each aflatoxin is tested individually. HL241. Tested by HPLC-FID, HL241. Pass/Fail decision determined by Department of Cannabis Control CCR title 4 Division 19 §15721.

Heavy Metals

Pass

Analyte	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g	
Arsenic	0.059	0.179	0.2	ND	Pass
Cadmium	0.005	0.014	0.2	ND	Pass
Lead	0.055	0.168	0.5	ND	Pass
Mercury	0.005	0.017	0.1	ND	Pass

Date Tested: 12/30/2024

SOP HL 237. Tested by Atomic Fluorescence Spectrometry, HL237. Pass/Fail decision determined by Department of Cannabis Control CCR title 4 Division 19 §15723.



Ming Li

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04/16/2025

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