

(510) 887-8885 http://www.harrenslab.com Lic# C8-0000021-LIC DEA#: RH0490805

TBF-128-SV-23-PI-EO-

Sample ID: HR20250490120 Strain: 2023 Pine #128 Matrix: Concentrates & Extracts

Type: Other Sample Size: ; Batch: Produced: 12/01/2024 Collected: 04/02/2025 Received: 04/02/2025 Completed: 04/16/2025

Batch#: 534774

Client Terpene Belt

Lic.#

174 Lawrence Dr, Suite J Livermore, CA 94551



Summary		
Test	Date Tested	Result
Batch		Pass
Cannabinoids	04/03/2025	Complete
Terpenes	04/03/2025	Complete
Residual Solvents	04/04/2025	Pass
Microbials	04/04/2025	Pass
Mycotoxins	04/03/2025	Pass
Pesticides	04/03/2025	Pass
Heavy Metals	04/04/2025	Pass
Foreign Matter	04/03/2025	Pass

Cannabinoids Complete

ND Total Th	НС		D CBD	ND Total Canna		binoids	
Analyte	LOD	LOQ	Result	Result	Result	Result	
	mg/g	mg/g	%	mg/g	mg/unit	mg/serving	
THCa	0.20000	0.61000	ND	ND			
Δ9-ΤΗС	0.15000	0.45000	ND	ND			
Δ8-ΤΗС	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			
CBGa	0.29000	0.88000	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 = $\Delta 9$ -THC3 * $0.877 + \Delta 9$ -THC

Total CBD = CBDa * $0.877 + \Delta 9$ -THC

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.





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TBF-128-SV-23-PI-EO-

Sample ID: HR20250490120 Strain: 2023 Pine #128

Matrix: Concentrates & Extracts
Type: Other

Sample Size: ; Batch:

Produced: 12/01/2024 Collected: 04/02/2025 Received: 04/02/2025 Completed: 04/16/202

Completed: 04/16/2025 Batch#: 534774 Client

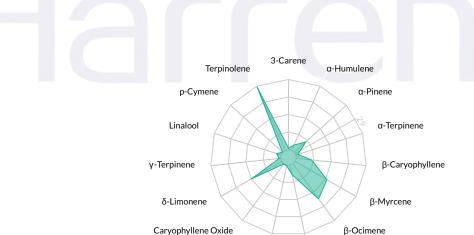
Terpene Belt

Lic.#

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Terpenes (R&D)

Analyte	LOD	LOQ	Result	Result	
T	mg/g 0.08000	mg/g 0.1000	mg/g 258.99	%	
Terpinolene				25.899	
β-Ocimene	0.08000	0.1000	162.31	16.231	
β-Myrcene	0.08000	0.1000	137.12	13.712	
δ-Limonene	0.08000	0.1000	132.31	13.231	
α-Pinene	0.08000	0.1000	57.96	5.796	
β-Caryophyllene	0.08000	0.1000	57.80	5.780	
β-Pinene	0.08000	0.1000	37.07	3.707	
α-Humulene	0.08000	0.1000	21.61	2.161	
Linalool	0.08000	0.1000	17.40	1.740	
α-Terpinene	0.08000	0.1000	7.94	0.794	
3-Carene	0.08000	0.1000	6.00	0.600	
y-Terpinene	0.08000	0.1000	5.47	0.547	
Camphene	0.08000	0.1000	2.83	0.283	
p-Cymene	0.08000	0.1000	1.19	0.119	
Caryophyllene Oxide	0.08000	0.1000	0.92	0.092	
α-Bisabolol	0.08000	0.1000	ND	ND	
cis-Nerolidol	0.08000	0.1000	ND	ND	
Geraniol	0.08000	0.1000	ND	ND	
Guaiol	0.08000	0.1000	ND	ND	
Isopulegol	0.08000	0.1000	ND	ND	
trans-Nerolidol	0.08000	0.1000	ND	ND	
	0.0000	0.1000			
Total			906.92	90.692	



Camphene

Primary Aromas







β-Pinene







Date Tested: 04/03/2025

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





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TBF-128-SV-23-PI-EO-

Sample ID: HR20250490120 Strain: 2023 Pine #128 Matrix: Concentrates & Extracts

Type: Other Sample Size: ; Batch: Produced: 12/01/2024 Collected: 04/02/2025 Received: 04/02/2025

Completed: 04/16/2025 Batch#: 534774 Client

Terpene Belt

174 Lawrence Dr, Suite J 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	lmazalil	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
Etoxazole	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: 04/03/2025

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.





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Type: Other Sample Size: ; Batch: Produced: 12/01/2024 Collected: 04/02/2025

Received: 04/02/2025 Completed: 04/16/2025 Batch#: 534774

Client Terpene Belt Lic.#

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Residual Solvents					Pass
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	2694.8	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: 04/04/2025

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





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Pass

NT

TBF-128-SV-23-PI-EO-

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Batch#: 534774

Terpene Belt Lic. #

Client

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Not Detected in 1g

	Pass
Result	Status
NR	NT
Not Detected in 1g	Pass
	NR Not Detected in 1g Not Detected in 1g Not Detected in 1g Not Detected in 1g

Date Tested: 04/04/2025

Salmonella SPP

Yeast & Mold

Date Tested: 04/04/2025
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
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Analyte	LOD	LOQ	Limit	Result	Status
	μg/kg	μg/kg	μg/kg	μg/kg	(H)
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: 04/03/2025

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: 04/04/2025

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





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