

DFT-947-BL-NV-NA-HO-001-G

Sample ID: HR20260490124-V2**

Matrix: Concentrates & Extracts

Type: Other

Sample Size: ; Batch:

Strain: Marshmallow (Sativa)

Produced: 04/01/2026

Collected: 04/03/2026

Received: 04/03/2026

Completed: 07/30/2026

Batch#: 687319

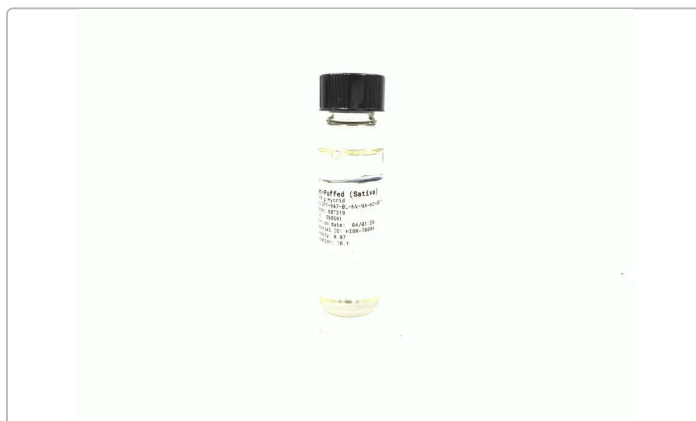
Client

Duty Free Terpenes

Lic. #

174 Lawrence Dr, Suite J

Livermore, CA 94551



Summary

Test	Date Tested	Result
Batch		Pass
Cannabinoids	04/07/2026	Pass
Terpenes	04/07/2026	Complete
Residual Solvents	04/07/2026	Pass
Microbials	04/07/2026	Pass
Mycotoxins	04/07/2026	Pass
Pesticides	04/07/2026	Pass
Heavy Metals	04/07/2026	Pass
Foreign Matter	04/07/2026	Pass

Cannabinoids

Pass

ND		ND		ND	
Total THC		Total CBD		Total Cannabinoids	
Analyte	LOD	LOQ	Result	Result	Result
	mg/g	mg/g	%	mg/g	mg/unit
THCa	0.20000	0.61000	ND	ND	ND
Δ9-THC	0.15000	0.45000	ND	ND	ND
Δ8-THC	0.14000	0.42000	ND	ND	ND
THCV	0.15000	0.44000	ND	ND	ND
CBDa	0.10000	0.31000	ND	ND	ND
CBD	0.15000	0.45000	ND	ND	ND
CBN	0.16000	0.50000	ND	ND	ND
CBG	0.13000	0.39000	ND	ND	ND
CBC	0.14000	0.41000	ND	ND	ND
Total THC			ND	ND	ND
Total CBD			ND	ND	ND
Total			ND	ND	ND
Sum of Cannabinoids					ND

Determination of Cannabinoids by HPLC, HL223

Total THC = Δ9-THCa * 0.877 + Δ9-THC + Δ8-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.



Nihari Perera
Nihari Perera PhD - Laboratory Director
07/30/2026

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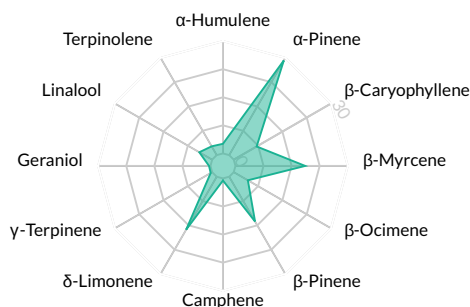
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Type: Other
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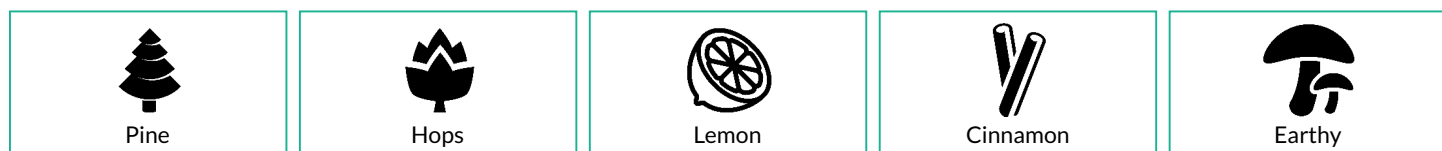
Client
Duty Free Terpenes
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174 Lawrence Dr, Suite J
Livermore, CA 94551

Terpenes (R&D)

Analyte	LOD	LOQ	Result	Result	
	mg/g	mg/g	mg/g	%	
α-Pinene	0.08000	0.1000	276.07	27.607	
β-Myrcene	0.08000	0.1000	176.30	17.630	
δ-Limonene	0.08000	0.1000	154.60	15.460	
β-Pinene	0.08000	0.1000	130.73	13.073	
β-Caryophyllene	0.08000	0.1000	66.76	6.676	
β-Ocimene	0.08000	0.1000	41.19	4.119	
Linalool	0.08000	0.1000	37.55	3.755	
Terpinolene	0.08000	0.1000	25.61	2.561	
α-Humulene	0.08000	0.1000	24.35	2.435	
Camphene	0.08000	0.1000	5.45	0.545	
γ-Terpinene	0.08000	0.1000	4.30	0.430	
Geraniol	0.08000	0.1000	3.66	0.366	
3-Carene	0.08000	0.1000	ND	ND	
α-Bisabolol	0.08000	0.1000	ND	ND	
α-Terpinene	0.08000	0.1000	ND	ND	
Caryophyllene Oxide	0.08000	0.1000	ND	ND	
cis-Nerolidol	0.08000	0.1000	ND	ND	
Guaiol	0.08000	0.1000	ND	ND	
Isopulegol	0.08000	0.1000	ND	ND	
p-Cymene	0.08000	0.1000	ND	ND	
trans-Nerolidol	0.08000	0.1000	ND	ND	
Total			946.57	94.657	



Primary Aromas



Date Tested: 04/07/2026

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



Nihari Perera
Nihari Perera PhD - Laboratory Director
07/30/2026

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Client

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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: 04/07/2026

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.



Nihari Perera

Nihari Perera PhD - Laboratory Director
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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	68.1	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	24.9	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	<LOQ	Pass
Isopropanol	2.03	6.14	5000	<LOQ	Pass
Methanol	2.26	6.86	3000	<LOQ	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	4.48	13.59	2170	ND	Pass

Date Tested: 04/07/2026

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



Nihari Perera

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Matrix: Concentrates & Extracts	Collected: 04/03/2026	Duty Free Terpenes
Type: Other	Received: 04/03/2026	Lic. #
Sample Size: ; Batch:	Completed: 07/30/2026	174 Lawrence Dr, Suite J
Strain: Marshmallow (Sativa)	Batch#: 687319	Livermore, CA 94551

Microbials

Pass

Analyte	Result	Status
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

Date Tested: 04/07/2026

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: 04/07/2026

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: 04/07/2026

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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