

SAMPLE DETAILS
SAMPLE NAME: THCa Liquid Diamonds - Sour Diesel

Concentrate, Product Inhalable

CULTIVATOR / MANUFACTURER
Business Name:
License Number:
Address:
DISTRIBUTOR / TESTED FOR
Business Name: The Hemp Collect

License Number:
Address:
SAMPLE DETAIL
Batch Number: 1622_LDSD_DT_10272
5

Sample ID: 260311L051

Date Collected: 03/11/2026

Date Received: 03/11/2026

Batch Size:
Sample Size: 3.0 units

Unit Mass:
Serving Size:


Scan QR code to verify authenticity of results.

TERPENOID ANALYSIS - SUMMARY

39 TESTED, TOP 3 HIGHLIGHTED

Total Terpenoids: 5.7602%

● Terpinolene 17.366 mg/g
 ● Limonene 7.961 mg/g
 ● Myrcene 7.631 mg/g

For quality assurance purposes. Not a Regulatory Hemp Lab Test Report. 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), $\mu\text{g/g}$ = ppm, $\mu\text{g/kg}$ = ppb



 LQC verified by: Carmen Stackhouse
 Job Title: Senior Laboratory Analyst
 Date: 03/13/2026
 Approved by: Josh Wurzer
 Chief Compliance Officer
 Date: 03/13/2026



Terpenoid Analysis

Terpene analysis utilizing gas chromatography-flame ionization detection (GC-FID).

Method: QSP 1192 - Analysis of Terpenoids by GC-FID

1 Terpinolene

Also known as δ -terpinene, it is of four isomers of the monoterpene Terpinene. It has a fragrance that can be described as fresh, woody, piney, herbal with a hint of lemon. Found in conifers, cumin, apple, rosemary, sage, tea tree, lilac, nutmeg...etc.

2 Limonene

A monoterpene with a fragrance that can be described as orangey, citrusy, sweet and tart. It is most commonly found in nature as D-Limonene and is a primary contributor to the distinct scent of orange peels, from which it is commonly derived. Found in numerous pines, red maple, silver maple, aspens, cottonwoods, hemlocks, sumac, cedar, junipers...etc.

3 Myrcene

A monoterpene with a fragrance that can be described as peppery, spicy, herbal, floral and woody. Although it has a pleasant odor, it is typically used by the perfume industry as precursor for developing other fragrances. Found in hops, houttuynia, bay, thyme, lemon grass, mango, verbena, cardamom, citrus...etc.

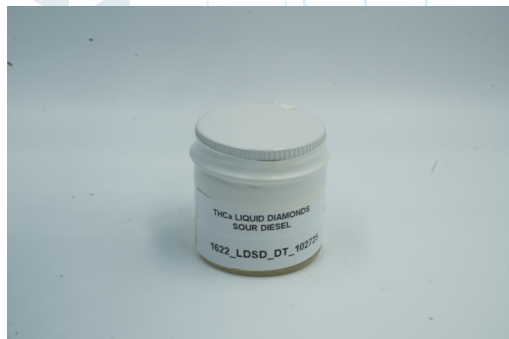
TERPENOID TEST RESULTS - 03/13/2026

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Terpinolene	0.008 / 0.036	±0.2761	17.366	1.7366
Limonene	0.005 / 0.036	±0.0884	7.961	0.7961
Myrcene	0.008 / 0.025	±0.0763	7.631	0.7631
α -Terpinene	0.005 / 0.017	±0.0651	5.614	0.5614
β -Caryophyllene	0.004 / 0.012	±0.1487	5.370	0.5370
α -Humulene	0.009 / 0.180	±0.0571	2.285	0.2285
β -Ocimene	0.006 / 0.025	±0.0319	1.275	0.1275
Linalool	0.009 / 0.036	±0.0340	1.149	0.1149
α -Pinene	0.005 / 0.036	±0.0071	1.060	0.1060
α -Bisabolol	0.008 / 0.026	±0.0424	1.022	0.1022
Valencene	0.009 / 0.180	±0.0511	0.954	0.0954
Guaiol	0.009 / 0.030	±0.0327	0.892	0.0892
trans- β -Farnesene	0.008 / 0.025	±0.0204	0.739	0.0739
β -Pinene	0.004 / 0.014	±0.0062	0.702	0.0702
Geraniol	0.002 / 0.036	±0.0224	0.653	0.0653
Fenchol	0.010 / 0.036	±0.0162	0.537	0.0537
Terpineol	0.009 / 0.031	±0.0243	0.509	0.0509
α -Phellandrene	0.006 / 0.036	±0.0039	0.369	0.0369
p-Cymene	0.005 / 0.016	±0.0059	0.282	0.0282
Eucalyptol	0.006 / 0.018	±0.0049	0.251	0.0251
γ -Terpinene	0.006 / 0.018	±0.0033	0.243	0.0243
Nerolidol	0.006 / 0.021	±0.0112	0.229	0.0229
Δ^3 -Carene	0.005 / 0.018	±0.0020	0.184	0.0184
Borneol	0.005 / 0.016	±0.0039	0.118	0.0118
Caryophyllene Oxide	0.010 / 0.033	±0.0040	0.113	0.0113
Camphene	0.005 / 0.015	±0.0008	0.094	0.0094
Citronellol	0.003 / 0.036	N/A	<LOQ	<LOQ
Geranyl Acetate	0.004 / 0.036	N/A	<LOQ	<LOQ
Nerol	0.003 / 0.036	N/A	<LOQ	<LOQ
Sabinene Hydrate	0.006 / 0.036	N/A	<LOQ	<LOQ
α -Cedrene	0.005 / 0.016	N/A	ND	ND
Camphor	0.006 / 0.036	N/A	ND	ND
Cedrol	0.008 / 0.027	N/A	ND	ND
Fenchone	0.009 / 0.036	N/A	ND	ND
Isoborneol	0.004 / 0.012	N/A	ND	ND
Isopulegol	0.005 / 0.036	N/A	ND	ND
Menthol	0.008 / 0.025	N/A	ND	ND
Pulegone	0.003 / 0.011	N/A	ND	ND
Sabinene	0.004 / 0.014	N/A	ND	ND
TOTAL TERPENOIDS			57.602 mg/g	5.7602%

THCa Liquid Diamonds - Sour Diesel

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 Matrix: Concentrate - Vape
 Unit Mass (g):

 Collected: 10/28/2025
 Received: 10/29/2025
 Completed: 11/21/2025

Client
 The Hemp Collect (NC)
 289 Silkwood Drive
 Canton, NC 28716
 USA


Summary

Test	Date Tested	Status
Cannabinoids	11/04/2025	Tested
Heavy Metals	11/07/2025	Tested
Microbials	11/07/2025	Tested
Mycotoxins	11/21/2025	Tested
Pesticides	11/21/2025	Tested
Residual Solvents	11/10/2025	Tested

0.0730 % Δ9-THC	63.8 % Δ9-THCA	84.2 % Total Cannabinoids	Not Tested Moisture Content	Not Tested Foreign Matter	Yes Internal Standard Normalization
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Cannabinoids by HPLC-PDA

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
CBC	0.0095	0.0284	3.76	37.6
CBCA	0.0181	0.0543	ND	ND
CBCV	0.006	0.018	ND	ND
CBD	0.0081	0.0242	2.68	26.8
CBDA	0.0043	0.013	9.82	98.2
CBDV	0.0061	0.0182	0.103	1.03
CBDVA	0.0021	0.0063	0.331	3.31
CBG	0.0057	0.0172	2.10	21.0
CBGA	0.0049	0.0147	0.270	2.70
CBL	0.0112	0.0335	ND	ND
CBLA	0.0124	0.0371	ND	ND
CBN	0.0056	0.0169	ND	ND
CBNA	0.006	0.0181	0.526	5.26
CBT	0.018	0.054	0.242	2.42
Δ8-THC	0.0104	0.0312	ND	ND
Δ9-THC	0.0076	0.0227	0.0730	0.730
Δ9-THCA	0.0084	0.0251	63.8	638
Δ9-THCV	0.0069	0.0206	ND	ND
Δ9-THCVA	0.0062	0.0186	0.427	4.28
Total Δ9-THC			56.0	560
Total			84.2	842

ND = Not Detected; NT = Not Tested; UA = Unsuitable for Analysis; NR = (Spike) Not Recoverable; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA * 0.877 + Δ9-THC; Total CBD = CBDA * 0.877 + CBD;



 Generated By: Ryan Bellone
 Commercial Director
 Date: 11/21/2025



 Tested By: Nicholas Howard
 Scientist
 Date: 11/04/2025

 ISO/IEC 17025:2017 Accredited
 Accreditation #108651


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Heavy Metals by ICP-MS

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
Arsenic	0.002	0.02	ND
Cadmium	0.002	0.02	ND
Lead	0.005	0.05	ND
Mercury	0.005	0.01	ND

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Generated By: Ryan Bellone
 Commercial Director
 Date: 11/21/2025



Tested By: Annie Velazquez
 Laboratory Technician
 Date: 11/07/2025



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Pesticides by LC-MS/MS and GC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Abamectin	30	100	ND	Hexythiazox	30	100	ND
Acephate	30	100	ND	Imazalil	30	100	ND
Acequinocyl	30	100	NR	Imidacloprid	30	100	ND
Acetamiprid	30	100	ND	Kresoxim methyl	30	100	ND
Aldicarb	30	100	ND	Malathion	30	100	ND
Azoxystrobin	30	100	ND	Metalaxyl	30	100	ND
Bifenazate	30	100	ND	Methiocarb	30	100	ND
Bifenthrin	30	100	ND	Methomyl	30	100	ND
Boscalid	30	100	ND	Mevinphos	30	100	ND
Carbaryl	30	100	ND	Myclobutanil	30	100	ND
Carbofuran	30	100	ND	Naled	30	100	ND
Chloranthraniliprole	30	100	ND	Oxamyl	30	100	ND
Chlorfenapyr	30	100	ND	Paclobotrazol	30	100	ND
Chlormequat chloride	30	100	ND	Permethrin	30	100	ND
Chlorpyrifos	30	100	ND	Phosmet	30	100	ND
Clofentezine	30	100	ND	Piperonyl Butoxide	30	100	ND
Coumaphos	30	100	ND	Prallethrin	30	100	ND
Cypermethrin	30	100	ND	Propiconazole	30	100	ND
Daminozide	30	100	ND	Propoxur	30	100	ND
Diazinon	30	100	ND	Pyrethrins	30	100	ND
DDVP (Dichlorvos)	30	100	ND	Pyridaben	30	100	ND
Dimethoate	30	100	ND	Spinetoram	30	100	ND
Dimethomorph	30	100	ND	Spinosad	30	100	ND
Ethoprophos	30	100	ND	Spiromesifen	30	100	ND
Etofenprox	30	100	ND	Spirotetramat	30	100	ND
Etoxazole	30	100	ND	Spiroxamine	30	100	ND
Fenhexamid	30	100	ND	Tebuconazole	30	100	ND
Fenoxycarb	30	100	ND	Thiacloprid	30	100	ND
Fenpyroximate	30	100	ND	Thiamethoxam	30	100	ND
Fipronil	30	100	ND	Trifloxystrobin	30	100	ND
Fonicamid	30	100	ND				
Fludioxonil	30	100	ND				

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 Generated By: Ryan Bellone
 Commercial Director
 Date: 11/21/2025



 Tested By: Jasper van Heemst
 Principal Scientist
 Date: 11/21/2025


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Mycotoxins by LC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
B1	1	5	ND
B2	1	5	ND
G1	1	5	ND
G2	1	5	ND
Ochratoxin A	1	5	ND

ND = Not Detected; NT = Not Tested; UA = Unsuitable for Analysis; NR = (Spike) Not Recoverable; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates



Generated By: Ryan Bellone
 Commercial Director
 Date: 11/21/2025



Tested By: Jasper van Heemst
 Principal Scientist
 Date: 11/21/2025



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Microbials by PCR and Plating

Analyte	LOD (CFU/g)	Result (CFU/g)	Result (Qualitative)
Total aerobic count	10	ND	
Total coliforms	10	ND	
Generic E. coli	10	ND	
Salmonella spp.	1		Not Detected per 1 gram
Shiga-toxin producing E. coli (STEC)	1		Not Detected per 1 gram

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Generated By: Ryan Bellone
 Commercial Director
 Date: 11/21/2025



Tested By: Sara Cook
 Laboratory Technician
 Date: 11/07/2025



THCa Liquid Diamonds - Sour Diesel

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 289 Silkwood Drive
 Canton, NC 28716
 USA

Residual Solvents by HS-GC-MS

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
Acetone	33	100	ND	Ethylene Oxide	0.5	1	ND
Acetonitrile	14	41	ND	Heptane	33	100	ND
Benzene	0.5	1	ND	n-Hexane	2	6	ND
Butane	33	100	411	Isobutane	33	100	ND
1-Butanol	167	500	ND	Isopropyl Acetate	167	500	ND
2-Butanol	167	500	ND	Isopropyl Alcohol	167	500	ND
2-Butanone	167	500	ND	Isopropylbenzene	167	500	ND
Chloroform	2	6	ND	Methanol	20	60	ND
Cyclohexane	129	388	ND	2-Methylbutane	10	29	ND
1,2-Dichloroethane	0.5	1	ND	Methylene Chloride	20	60	ND
1,2-Dimethoxyethane	4	10	ND	2-Methylpentane	2	6	ND
Dimethyl Sulfoxide	167	500	ND	3-Methylpentane	2	6	ND
N,N-Dimethylacetamide	37	109	ND	n-Pentane	33	100	ND
2,2-Dimethylbutane	2	6	ND	1-Pentanol	167	500	ND
2,3-Dimethylbutane	2	6	ND	n-Propane	33	100	<LOQ
N,N-Dimethylformamide	30	88	ND	1-Propanol	167	500	ND
2,2-Dimethylpropane	167	500	ND	Pyridine	7	20	ND
1,4-Dioxane	13	38	ND	Tetrahydrofuran	24	72	ND
Ethanol	167	500	ND	Toluene	6	18	<LOQ
2-Ethoxyethanol	6	16	ND	Trichloroethylene	3	8	ND
Ethyl Acetate	33	100	ND	Xylenes (o-, m-, and p-)	14	43	ND
Ethyl Ether	167	500	ND				
Ethylbenzene	3	7	ND				

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 Generated By: Ryan Bellone
 Commercial Director
 Date: 11/21/2025



 Tested By: Kelsey Rogers
 Scientist
 Date: 11/10/2025
