SC Labs®

Hemp Quality Assurance Testing
CERTIFICATE OF ANALYSIS

DATE ISSUED 03/14/2026

SAMPLE DETAILS

SAMPLE NAME: THCa Liquid Diamonds - Jack Herer

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: 1629_LDJH_DT_110525
Sample ID: 260311L055

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: 4.8759%

- Terpinolene 15.015 mg/g
- Myrcene 7.946 mg/g
- Limonene 6.735 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), µg/g = ppm, µg/kg = ppb

LQC verified by: Matthew Schneider
Job Title: Senior Laboratory Analyst
Date: 03/14/2026

Approved by: Josh Wurzer
Chief Compliance Officer
Date: 03/14/2026

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 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.

3 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.

TERPENOID TEST RESULTS - 03/14/2026

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
Terpinolene	*0.008 / 0.036*	*±0.2387*	15.015	1.5015
Myrcene	*0.008 / 0.025*	*±0.0795*	7.946	0.7946
Limonene	*0.005 / 0.036*	*±0.0748*	6.735	0.6735
β-Caryophyllene	*0.004 / 0.012*	*±0.1234*	4.455	0.4455
α-Terpinene	*0.005 / 0.017*	*±0.0270*	2.331	0.2331
β-Ocimene	*0.006 / 0.025*	*±0.0565*	2.259	0.2259
α-Humulene	*0.009 / 0.180*	*±0.0446*	1.784	0.1784
Linalool	*0.009 / 0.036*	*±0.0288*	0.974	0.0974
α-Pinene	*0.005 / 0.036*	*±0.0058*	0.859	0.0859
α-Bisabolol	*0.008 / 0.026*	*±0.0347*	0.835	0.0835
β-Pinene	*0.004 / 0.014*	*±0.0074*	0.833	0.0833
trans-β-Farnesene	*0.008 / 0.025*	*±0.0205*	0.741	0.0741
Guaiol	*0.009 / 0.030*	*±0.0264*	0.720	0.0720
Terpineol	*0.009 / 0.031*	*±0.0256*	0.535	0.0535
Fenchol	*0.010 / 0.036*	*±0.0134*	0.445	0.0445
α-Phellandrene	*0.006 / 0.036*	*±0.0041*	0.390	0.0390
Δ^3-Carene	*0.005 / 0.018*	*±0.0030*	0.273	0.0273
γ -Terpinene	*0.006 / 0.018*	*±0.0036*	0.269	0.0269
Valencene	*0.009 / 0.180*	*±0.0128*	0.239	0.0239
Geraniol	*0.002 / 0.036*	*±0.0076*	0.221	0.0221
Caryophyllene Oxide	*0.010 / 0.033*	*±0.0069*	0.193	0.0193
Nerolidol	*0.006 / 0.021*	*±0.0092*	0.188	0.0188
p-Cymene	*0.005 / 0.016*	*±0.0036*	0.174	0.0174
Eucalyptol	*0.006 / 0.018*	*±0.0031*	0.155	0.0155
Borneol	*0.005 / 0.016*	*±0.0039*	0.120	0.0120
Camphene	*0.005 / 0.015*	*±0.0006*	0.070	0.0070
Citronellol	*0.003 / 0.036*	*N/A*	<LOQ	<LOQ
Fenchone	*0.009 / 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
Geranyl Acetate	*0.004 / 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			48.759 mg/g	4.8759%

KCA Laboratories
232 North Plaza Drive
Nicholasville, KY 40356

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https://kcalabs.com
KDA Lic.# P_0058

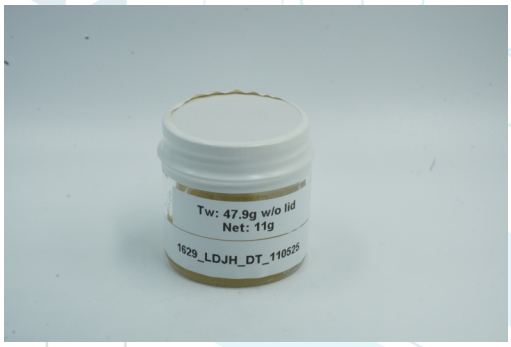
Certificate of Analysis

THCa Liquid Diamonds - Jack Herer

Sample ID: SA-251111-72530
Batch: 1629_LDJH_DT_110525
Type: Finished Product - Inhalable
Matrix: Concentrate - Vape
Unit Mass (g):

Collected: 11/11/2025
Received: 11/12/2025
Completed: 11/18/2025

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



Summary

Test	Date Tested	Status
Cannabinoids	11/14/2025	Tested
Heavy Metals	11/18/2025	Tested
Microbials	11/13/2025	Tested
Mycotoxins	11/17/2025	Tested
Pesticides	11/17/2025	Tested
Residual Solvents	11/14/2025	Tested

0.0557 %	62.0 %	84.5 %	Not Tested	Not Tested	Yes
Δ9-THC	Δ9-THCA	Total Cannabinoids	Moisture Content	Foreign Matter	Internal Standard Normalization

Cannabinoids by HPLC-PDA

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
CBC	0.0095	0.0284	3.61	36.1
CBCA	0.0181	0.0543	0.377	3.77
CBCV	0.006	0.018	ND	ND
CBD	0.0081	0.0242	2.40	24.0
CBDA	0.0043	0.013	12.4	124
CBDV	0.0061	0.0182	0.0948	0.948
CBDVA	0.0021	0.0063	0.398	3.98
CBG	0.0057	0.0172	1.84	18.4
CBGA	0.0049	0.0147	0.266	2.66
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	0.492	4.92
CBT	0.018	0.054	0.218	2.19
Δ8-THC	0.0104	0.0312	ND	ND
Δ9-THC	0.0076	0.0227	0.0557	0.557
Δ9-THCA	0.0084	0.0251	62.0	620
Δ9-THCV	0.0069	0.0206	ND	ND
Δ9-THCVA	0.0062	0.0186	0.445	4.45
Total Δ9-THC			**54.4**	**544**
Total			**84.5**	**845**

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: 11/18/2025

Tested By: Nicholas Howard
Scientist
Date: 11/14/2025

ISO/IEC 17025:2017 Accredited
Accreditation #108651

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289 Silkwood Drive
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USA

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: 11/18/2025

Tested By: Annie Velazquez
Laboratory Technician
Date: 11/18/2025

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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	Paclobutrazol	30	100	ND
Chlorpyrifos	30	100	ND	Permethrin	30	100	ND
Clofentezine	30	100	ND	Phosmet	30	100	ND
Coumaphos	30	100	ND	Piperonyl Butoxide	30	100	ND
Cypermethrin	30	100	NR	Prallethrin	30	100	ND
Daminozide	30	100	ND	Propiconazole	30	100	ND
Diazinon	30	100	ND	Propoxur	30	100	ND
Dichlorvos	30	100	ND	Pyrethrins	30	100	ND
Dimethoate	30	100	ND	Pyridaben	30	100	ND
Dimethomorph	30	100	ND	Spinetoram	30	100	ND
Ethoprophos	30	100	ND	Spinosad	30	100	ND
Etofenprox	30	100	ND	Spiromesifen	30	100	ND
Etoxazole	30	100	ND	Spirotetramat	30	100	ND
Fenhexamid	30	100	ND	Spiroxamine	30	100	ND
Fenoxycarb	30	100	ND	Tebuconazole	30	100	ND
Fenpyroximate	30	100	ND	Thiacloprid	30	100	ND
Fipronil	30	100	ND	Thiamethoxam	30	100	ND
Flonicamid	30	100	ND	Trifloxystrobin	30	100	ND
Fludioxonil	30	100	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: 11/18/2025

Tested By: Jasper van Heemst
Principal Scientist
Date: 11/17/2025

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Unit Mass (g):

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Client
The Hemp Collect (NC)
289 Silkwood Drive
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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: 11/18/2025

Tested By: Jasper van Heemst
Principal Scientist
Date: 11/17/2025

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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

ND = Not Detected; NT = Not Tested; UA = Unsuitable for Analysis; NR = (Spike) Not Recoverable; LOD = Limit of Detection; LOQ = Limit of Quantitation; CFU = Colony Forming Units; P = Pass; F = Fail; RL = Reporting Limit

Generated By: Ryan Bellone
Commercial Director
Date: 11/18/2025

Tested By: Sara Cook
Laboratory Technician
Date: 11/13/2025

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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	<LOQ	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	ND
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: 11/18/2025

Tested By: Kelsey Rogers
Scientist
Date: 11/14/2025

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Reporting Limit Appendix

Heavy Metals - KY 902 KAR 45:190

Analyte	Limit (ppm)	Analyte	Limit (ppm)
Arsenic	0.2	Lead	0.5
Cadmium	0.2	Mercury	0.1

Microbials - KY 902 KAR 45:190

Analyte	Limit (CFU/g)	Analyte	Limit (CFU/g)
Total coliforms	100	Total aerobic count	10000

Residual Solvents - KY 902 KAR 45:190 & USP 467

Analyte	Limit (ppm)	Analyte	Limit (ppm)
Acetone	1000	Ethylene Oxide	1
Acetonitrile	410	Heptane	1000
Benzene	2	n-Hexane	60
Butane	1000	Isobutane	1000
1-Butanol	5000	Isopropyl Acetate	5000
2-Butanol	5000	Isopropyl Alcohol	5000
2-Butanone	5000	Isopropylbenzene	5000
Chloroform	60	Methanol	600
Cyclohexane	3880	2-Methylbutane	290
1,2-Dichloroethane	5	Methylene Chloride	600
1,2-Dimethoxyethane	100	2-Methylpentane	60
Dimethyl Sulfoxide	5000	3-Methylpentane	60
N,N-Dimethylacetamide	1090	n-Pentane	1000
2,2-Dimethylbutane	60	1-Pentanol	5000
2,3-Dimethylbutane	60	n-Propane	1000
N,N-Dimethylformamide	880	1-Propanol	5000
2,2-Dimethylpropane	5000	Pyridine	200
1,4-Dioxane	380	Tetrahydrofuran	720
Ethanol	5000	Toluene	180
2-Ethoxyethanol	160	Trichloroethylene	80
Ethyl Acetate	1000	Xylenes (o-, m-, and p-)	430
Ethyl Ether	5000		
Ethylbenzene	70		

Pesticides - KY 902 KAR 45:190

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Abamectin	500	Hexythiazox	1000

Pesticides - KY 902 KAR 45:190

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Acephate	400	Imazalil	200
Acequinocyl	2000	Imidacloprid	400
Acetamiprid	200	Kresoxim methyl	400
Aldicarb	400	Malathion	200
Azoxystrobin	200	Metalaxyl	200
Bifenazate	200	Methiocarb	200
Bifenthrin	200	Methomyl	400
Boscalid	400	Mevinphos	
Carbaryl	200	Myclobutanil	200
Carbofuran	200	Naled	500
Chloranthraniliprole	200	Oxamyl	1000
Chlorfenapyr	1000	Paclobutrazol	400
Chlorpyrifos	200	Permethrin	200
Clofentezine	200	Phosmet	200
Coumaphos		Piperonyl Butoxide	2000
Cypermethrin	1000	Prallethrin	200
Daminozide	1000	Propiconazole	400
Diazinon	200	Propoxur	200
Dichlorvos	100	Pyrethrins	1000
Dimethoate	200	Pyridaben	200
Dimethomorph		Spinetoram	
Ethoprophos	200	Spinosad	200
Etofenprox	400	Spiromesifen	200
Etoxazole	200	Spirotetramat	200
Fenhexamid		Spiroxamine	400
Fenoxycarb	200	Tebuconazole	400
Fenpyroximate	400	Thiacloprid	200
Fipronil	400	Thiamethoxam	200
Flonicamid	1000	Trifloxystrobin	200
Fludioxonil	400		

Mycotoxins - KY 902 KAR 45:190

Analyte	Limit (ppb)	Analyte	Limit (ppb)
B1	5	B2	5
G1	5	G2	5
Ochratoxin A	20		