

SAMPLE DETAILS

SAMPLE NAME: D9 Gummies
Infused, Solid Edible

CULTIVATOR / MANUFACTURER
Business Name:
License Number:
Address:

DISTRIBUTOR / TESTED FOR
Business Name: Gotta Pharma LLC
License Number:
Address: EUA - Flórida, 4803, Calamondin Circle,
Coconut Creek, Miami, 33063

SAMPLE DETAIL

Batch Number: 91643
Sample ID: 250423N006

Date Collected: 04/23/2025
Date Received: 04/23/2025
Batch Size:
Sample Size: 1.0 units
Unit Mass: 6.3233 grams per Unit
Serving Size:



Scan QR code to verify
authenticity of results.

CANNABINOID ANALYSIS - SUMMARY

Total THC: 11.407 mg/unit

Total CBD: 64.966 mg/unit

Sum of Cannabinoids: 78.54 mg/unit

Total Cannabinoids: 78.54 mg/unit

Total THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during the decarboxylation step:
Total THC = $\Delta 9\text{-THC} + (\text{THCa} \times 0.877)$
Total CBD = $\text{CBD} + (\text{CBDa} \times 0.877)$
Sum of Cannabinoids = $\Delta 9\text{-THC} + \text{THCa} + \text{CBD} + \text{CBDa} + \text{CBG} + \text{CBGa} + \text{THCV} + \text{THCVa} + \text{CBC} + \text{CBCa} + \text{CBDV} + \text{CBDVa} + \Delta 8\text{-THC} + \text{CBL} + \text{CBN}$
Total Cannabinoids = $(\Delta 9\text{-THC} + 0.877 \times \text{THCa}) + (\text{CBD} + 0.877 \times \text{CBDa}) + (\text{CBG} + 0.877 \times \text{CBGa}) + (\text{THCV} + 0.877 \times \text{THCVa}) + (\text{CBC} + 0.877 \times \text{CBCa}) + (\text{CBDV} + 0.877 \times \text{CBDVa}) + \Delta 8\text{-THC} + \text{CBL} + \text{CBN}$

SAFETY ANALYSIS - SUMMARY

$\Delta 9\text{-THC}$ per Unit: PASS

Pesticides: PASS

Mycotoxins: PASS

Residual Solvents: PASS

Heavy Metals: PASS

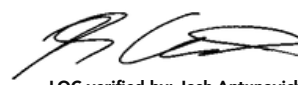
Foreign Material: PASS

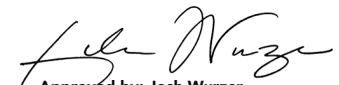
Water Activity: PASS

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: Josh Antunovich
Job Title: Laboratory Director
Date: 05/02/2025


Approved by: Josh Wurzer
Job Title: Chief Compliance Officer
Date: 05/02/2025

Amendment to Certificate of Analysis 250423N006-001



Cannabinoid Analysis

CANNABINOID TEST RESULTS - 04/25/2025

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

Method: QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

TOTAL THC: 11.407 mg/unit

Total THC (Δ^9 -THC+0.877*THCa)

TOTAL CBD: 64.966 mg/unit

Total CBD (CBD+0.877*CBDA)

TOTAL CANNABINOIDS: 78.54 mg/unit

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) + Δ^8 -THC + CBL + CBN

TOTAL CBG: 0.809 mg/unit

Total CBG (CBG+0.877*CBGa)

TOTAL THCV: <LOQ

Total THCV (THCV+0.877*THCVa)

TOTAL CBC: ND

Total CBC (CBC+0.877*CBCa)

TOTAL CBDV: 0.215 mg/unit

Total CBDV (CBDV+0.877*CBDVa)

COMPOUND	LOD/LOQ (mg/g)	MEASUREMENT UNCERTAINTY (mg/g)	RESULT (mg/g)	RESULT (%)
CBD	0.004 / 0.011	±0.3832	10.274	1.0274
Δ^9 -THC	0.002 / 0.014	±0.0990	1.804	0.1804
CBG	0.002 / 0.006	±0.0062	0.128	0.0128
CBN	0.001 / 0.007	±0.0032	0.112	0.0112
Δ^8 -THC	0.01 / 0.02	±0.003	0.07	0.007
CBDV	0.002 / 0.012	±0.0014	0.034	0.0034
THCV	0.002 / 0.012	N/A	<LOQ	<LOQ
THCa	0.001 / 0.005	N/A	ND	ND
THCVa	0.002 / 0.019	N/A	ND	ND
CBDA	0.001 / 0.026	N/A	ND	ND
CBDVa	0.001 / 0.018	N/A	ND	ND
CBGa	0.002 / 0.007	N/A	ND	ND
CBL	0.003 / 0.010	N/A	ND	ND
CBC	0.003 / 0.010	N/A	ND	ND
CBCa	0.001 / 0.015	N/A	ND	ND
SUM OF CANNABINOIDS			12.42 mg/g	1.242%

Unit Mass: 6.3233 grams per Unit

Δ^9 -THC per Unit	110 per-package limit	11.407 mg/unit	PASS
Total THC per Unit		11.407 mg/unit	
CBD per Unit		64.966 mg/unit	
Total CBD per Unit		64.966 mg/unit	
Sum of Cannabinoids per Unit		78.54 mg/unit	
Total Cannabinoids per Unit		78.54 mg/unit	



Pesticide Analysis

PESTICIDE TEST RESULTS - 05/02/2025 ✓ PASS

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS).

*GC-MS utilized where indicated.

Method: QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS or QSP 1213 - Analysis of Pesticides by GC-MS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Abamectin	0.03 / 0.10	0.3	N/A	ND	PASS ND
Acephate	0.02 / 0.07	5	N/A	PASS	ND PASS
Acequinocyl	0.02 / 0.07	4	N/A	ND	PASS ND
Acetamiprid	0.02 / 0.05	5	N/A	PASS	ND PASS
Aldicarb	0.03 / 0.08	≥ LOD	N/A	ND	PASS ND
Azoxystrobin	0.02 / 0.07	40	N/A	PASS	ND PASS
Bifenazate	0.01 / 0.04	5	N/A	ND	PASS ND
Bifenthrin	0.02 / 0.05	0.5	N/A	PASS	
Boscalid	0.03 / 0.09	10	N/A		
Captan	0.19 / 0.57	5	N/A		
Carbaryl	0.02 / 0.06	0.5	N/A		

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Pesticide Analysis

Continued

PESTICIDE TEST RESULTS - 05/02/2025 continued ✔ PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Carbofuran	0.02 / 0.05	≥ LOD	N/A	ND	PASS ND
Chlorantraniliprole	0.04 / 0.12	40	N/A	PASS	ND PASS
Chlordane*	0.03 / 0.08	≥ LOD	N/A	ND	PASS ND
Chlorfenapyr*	0.03 / 0.10	≥ LOD	N/A	PASS	ND PASS
Chlorpyrifos	0.02 / 0.06	≥ LOD	N/A	ND	PASS ND
Clofentezine	0.03 / 0.09	0.5	N/A	PASS	ND PASS
Coumaphos	0.02 / 0.07	≥ LOD	N/A	ND	PASS ND
Cyfluthrin	0.12 / 0.38	1	N/A	PASS	ND PASS
Cypermethrin	0.11 / 0.32	1	N/A	ND	PASS ND
Daminozide	0.02 / 0.07	≥ LOD	N/A	PASS	ND PASS
Diazinon	0.02 / 0.05	0.2	N/A	ND	PASS ND
Dichlorvos (DDVP)	0.03 / 0.09	≥ LOD	N/A	PASS	ND PASS
Dimethoate	0.03 / 0.08	≥ LOD	N/A	ND	PASS ND
Dimethomorph	0.03 / 0.09	20	N/A	PASS	ND PASS
Ethoprophos	0.03 / 0.10	≥ LOD	N/A	ND	PASS ND
Etofenprox	0.02 / 0.06	≥ LOD	N/A	PASS	ND PASS
Etoxazole	0.02 / 0.06	1.5	N/A	ND	PASS ND
Fenhexamid	0.03 / 0.09	10	N/A	PASS	ND PASS
Fenoxycarb	0.03 / 0.08	≥ LOD	N/A	ND	PASS ND
Fenpyroximate	0.02 / 0.06	2	N/A	PASS	ND PASS
Fipronil	0.03 / 0.08	≥ LOD	N/A	ND	PASS ND
Flonicamid	0.03 / 0.10	2	N/A	PASS	ND PASS
Fludioxonil	0.03 / 0.10	30	N/A	ND	PASS ND
Hexythiazox	0.02 / 0.07	2	N/A	PASS	ND PASS
Imazalil	0.02 / 0.06	≥ LOD	N/A	ND	PASS
Imidacloprid	0.04 / 0.11	3	N/A		
Kresoxim-methyl	0.02 / 0.07	1	N/A		
Malathion	0.03 / 0.09	5	N/A		
Metalaxyl	0.02 / 0.07	15	N/A		
Methiocarb	0.02 / 0.07	≥ LOD	N/A		
Methomyl	0.03 / 0.10	0.1	N/A		
Mevinphos	0.03 / 0.09	≥ LOD	N/A		
Myclobutanil	0.03 / 0.09	9	N/A		
Naled	0.02 / 0.07	0.5	N/A		
Oxamyl	0.04 / 0.11	0.2	N/A		
Paclobutrazol	0.02 / 0.05	≥ LOD	N/A		
Parathion-methyl	0.03 / 0.10	≥ LOD	N/A		
Pentachloronitro- benzene (Quintozene)*					
Permethrin	0.03 / 0.09	0.2	N/A	ND	PASS
Phosmet					
Piperonyl Butoxide	0.04 / 0.12	20	N/A	ND	PASS
	0.03 / 0.10	0.2	N/A	ND	PASS
	0.02 / 0.07	8	N/A	ND	PASS

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Pesticide Analysis Continued

PESTICIDE TEST RESULTS - 05/02/2025 continued ✔ PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Prallethrin	0.03 / 0.08	0.4	N/A	ND	PASS
Propiconazole	0.02 / 0.07	20	N/A	ND	PASS
Propoxur	0.03 / 0.09	≥ LOD	N/A	ND	PASS
Pyrethrins	0.04 / 0.12	1	N/A	ND	PASS
Pyridaben	0.02 / 0.07	3	N/A	ND	PASS
Spinetoram	0.02 / 0.07	3	N/A	ND	PASS
Spinosad	0.02 / 0.07	3	N/A	ND	PASS
Spiromesifen	0.02 / 0.05	12	N/A	ND	PASS
Spirotetramat	0.02 / 0.06	13	N/A	ND	PASS
Spiroxamine	0.03 / 0.08	≥ LOD	N/A	ND	PASS
Tebuconazole	0.02 / 0.07	2	N/A	ND	PASS
Thiacloprid	0.03 / 0.10	≥ LOD	N/A	ND	PASS
Thiamethoxam	0.03 / 0.10	4.5	N/A	ND	PASS
Trifloxystrobin	0.03 / 0.08	30	N/A	ND	PASS



Mycotoxin Analysis

Mycotoxin analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS).

Method: QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS

MYCOTOXIN TEST RESULTS - 05/02/2025 ✔ PASS

COMPOUND	LOD/LOQ (µg/kg)	ACTION LIMIT (µg/kg)	MEASUREMENT UNCERTAINTY (µg/kg)	RESULT (µg/kg)	RESULT
Aflatoxin B1	2.0 / 6.0		N/A	ND	
Aflatoxin B2	1.8 / 5.6		N/A	ND	
Aflatoxin G1	1.0 / 3.1		N/A	ND	
Aflatoxin G2	1.2 / 3.5		N/A	ND	
Ochratoxin A	6.3 / 19.2	20	N/A	ND	PASS
Total Aflatoxin		20		ND	PASS



Residual Solvents Analysis

Residual Solvent analysis utilizing gas chromatography-mass spectrometry (GC-MS).

Method: QSP 1204 - Analysis of Residual Solvents by GC-MS

RESIDUAL SOLVENTS TEST RESULTS - 04/30/2025 ✔ PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Propane	10 / 20	5000	N/A	ND	PASS ND
n-Butane	10 / 50	5000	N/A	PASS	ND PASS
n-Pentane	20 / 50	5000	N/A	ND	PASS ND
n-Hexane	2 / 5	290	N/A	PASS	ND PASS
n-Heptane	20 / 60	5000	N/A	ND	PASS ND
Benzene	0.03 / 0.09	1	N/A	PASS	ND PASS
Toluene	7 / 21	890	N/A	ND	PASS
Total Xylenes	50 / 160	2170	N/A		
Methanol	50 / 200	3000	N/A		
Ethanol	20 / 50	5000	N/A		

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Residual Solvents Analysis

Continued

RESIDUAL SOLVENTS TEST RESULTS - 04/30/2025 continued ✓ PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
2-Propanol (Isopropyl Alcohol)	10 / 40	5000	N/A	ND	PASS
Acetone	20 / 50	5000	N/A	ND	PASS
Ethyl Ether	20 / 50	5000	N/A	ND	PASS
Ethylene Oxide	0.3 / 0.8	1	N/A	ND	PASS
Ethyl Acetate	20 / 60	5000	N/A	ND	PASS
Chloroform	0.1 / 0.2	1	N/A	ND	PASS
Dichloromethane (Methylene Chloride)	0.3 / 0.9	1	N/A	ND	PASS
Trichloroethylene	0.1 / 0.3	1	N/A	ND	PASS
1,2-Dichloroethane	0.05 / 0.1	1	N/A	ND	PASS
Acetonitrile	2 / 7	410	N/A	ND	PASS



Heavy Metals Analysis

Heavy metal analysis utilizing inductively coupled plasma-mass spectrometry (ICP-MS).

Method: QSP 1160 - Analysis of Heavy Metals by ICP-MS

HEAVY METALS TEST RESULTS - 04/30/2025 ✓ PASS

COMPOUND	LOD/LOQ (µg/g)	ACTION LIMIT (µg/g)	MEASUREMENT UNCERTAINTY (µg/g)	RESULT (µg/g)	RESULT
Arsenic	0.02 / 0.1	1.5	N/A	ND	PASS
Cadmium	0.02 / 0.05	0.5	N/A	ND	PASS
Lead	0.04 / 0.1	0.5	N/A	ND	PASS
Mercury	0.002 / 0.01	3	N/A	ND	PASS



Foreign Material Analysis

Visual analysis includes, but is not limited to, sand, soil, cinders, dirt, mold, hair, insect fragments, and mammalian excreta.

Method: QSP 1226 - Analysis of Foreign Material in Cannabis and Cannabis Products

FOREIGN MATERIAL TEST RESULTS - 04/29/2025 ✓ PASS

COMPOUND	ACTION LIMIT	RESULT	RESULT
Hair Count Insect Fragment Count	> 1 per 3 grams	0.0	PASS
Mammalian Excreta Count Total	> 1 per 3 grams	0.0	PASS
Sample Area Covered by an Imbedded Foreign Material	> 1 per 3 grams	0.0	PASS
Total Sample Area Covered by Mold	>25%	None	PASS
Total Sample Area Covered by Sand, Soil, Cinders, or Dirt	>25%	None	PASS
	>25%	None	PASS



Water Activity Analysis

Method: QSP 1227 - Analysis of Water Activity in Cannabis and Cannabis Products

WATER ACTIVITY TEST RESULTS - 05/01/2025 ✓ PASS

COMPOUND	LOD/LOQ (Aw)	ACTION LIMIT (Aw)	MEASUREMENT UNCERTAINTY (Aw)	RESULT (Aw)	RESULT
Water Activity	0.030 / 0.15	0.85	±0.034	0.70	PASS

NOTES
Reason for Amendment: Add/Remove Test(s)

10mg Cherry High D9 Gummy

Sample ID: SA-250604-63130
 Lot: 91643
 Type: Finished Product - Ingestible
 Matrix: Edible - Gummy

Received: 05/30/2025
 Completed: 06/04/2025

DISTRIBUTOR / TESTED FOR
 Business Name: Gotta Pharma LLC
 License Number:

Address: EUA - Flórida, 4803, Calamondin Circle,
 Coconut Creek, Miami, 33063

Summary

Test
 Microbials

Date Tested
 06 /04/ 2025

Status
 T es ted



Microbials by PCR and Plating

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

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; CFU = Colony Forming Units; P = Pass; F = Fail; RL = Reporting Limit; TNTC = Too Numerous to Count; Aerobic Plate Count: AOAC 2015.13, Total Coliforms/E.Coli: AOAC 2018.13, Salmonella: AOAC 2020.02, Listeria Monocytogenes: AOAC 2019.11, Listeria Spp.: AOAC 2019.10, EHEC: AOAC 2020.06



Generated By: Ryan Beilone
 Commercial Director
 Date: 06/04/2025



Tested By: Natalia Wright
 Laboratory Technician
 Date: 06/04/2025



D9 Gummies

Sample ID: SA-250604-63130 Lot: 91643 Type:
 Finished Product - Ingestible Matrix: Edible - Gummy

Received: 05/30/2025
 Completed: 06/04/2025

DISTRIBUTOR / TESTED FOR

Business Name: Gotta Pharma LLC

License Number:

Address: EUA - Flórida, 4803, Calamondin Circle,
 Coconut Creek, Miami, 33063

Reporting Limit Appendix

Mi crob i als -

Ana l y te

Total coliforms Total yeast and mold count
 (TYMC)

Limit (CFU/ g)	Ana l y te Total aerobic count	Limit (CFU/ g)
100		10000
1000		



Generated By: Ryan Bellone

Commercial Director

Date: 06/04/2025

