



+1-833-KCA-LABS https://kcalabs.com KDA Lic.# P_0058

Certificate of Analysis

1 of 8

Full Spec CBD Gummies

Sample ID: SA-250717-65417 Batch: FSGAG0825 Type: Finished Product - Ingestible Matrix: Edible - Gummy

Unit Mass (g): 3.25344

Received: 07/21/2025 Completed: 08/01/2025 Client Highly Concentr8ed 2144 Gulf Gate Dr. Sarasota, FL 34231

USA Lic. #: 405998



Summary Test

Cannabinoids Foreign Matter Heavy Metals Microbials Mycotoxins Pesticides Residual Solvents **Date Tested** 08/01/2025 07/21/2025 07/24/2025 07/25/2025 07/28/2025 07/29/2025 07/23/2025

Status Tested **Tested** Passed Passed Passed Passed Passed

0.0631 %

Total Δ9-THC

1.30 % CBD

Total Cannabinoids

1.50 %

Not Tested

Moisture Content

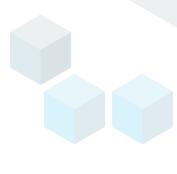
Not Detected

Foreign Matter

Yes

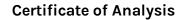
Internal Standard Normalization





Generated By: Ryan Bellone Commercial Director Date: 08/01/2025







+1-833-KCA-LABS https://kcalabs.com KDA Lic.# P_0058

2 of 8

Full Spec CBD Gummies

Sample ID: SA-250717-65417 Batch: FSGAG0825 Type: Finished Product - Ingestible Matrix: Edible - Gummy

Unit Mass (g): 3.25344

Received: 07/21/2025 Completed: 08/01/2025 Client Highly Concentr8ed 2144 Gulf Gate Dr. Sarasota, FL 34231 USA

Lic. #: 405998

Cannabinoids by HPLC-PDA and GC-MS/MS

Amahaa	LOD	LOQ	Result	Result
Analyte	(%)	(%)	(%)	(mg/unit)
CBC	0.00095	0.00284	0.0507	1.65
CBCA	0.00181	0.00543	ND	ND
CBCV	0.0006	0.0018	ND	ND
CBD	0.00081	0.00242	1.30	42.4
CBDA	0.00043	0.0013	ND	ND
CBDV	0.00061	0.00182	0.0116	0.377
CBDVA	0.00021	0.00063	ND	ND
CBG	0.00057	0.00172	0.0368	1.20
CBGA	0.00049	0.00147	ND	ND
CBL	0.00112	0.00335	0.00400	0.130
CBLA	0.00124	0.00371	ND	ND
CBN	0.00056	0.00169	0.00510	0.166
CBNA	0.0006	0.00181	ND	ND
CBT	0.0018	0.0054	0.0231	0.752
Δ4,8-iso-THC	0.00067	0.002	ND	ND
Δ8-iso-THC	0.00067	0.002	ND	ND
Δ8-ΤΗС	0.00104	0.00312	ND	ND
Δ8-THC acetate	0.00067	0.002	ND	ND
Δ8-ΤΗСР	0.00067	0.002	ND	ND
Δ8-THCV	0.00067	0.002	ND	ND
Δ9-ΤΗС	0.00076	0.00227	0.0631	2.05
Δ9-THC acetate	0.00067	0.002	ND	ND
Δ9-ΤΗCΑ	0.00084	0.00251	ND	ND
Δ9-ΤΗСΡ	0.00067	0.002	ND	ND
Δ9-ΤΗCV	0.00069	0.00206	ND	ND
Δ9-THCVA	0.00062	0.00186	ND	ND
(6a R,9R)-Δ10-THC	0.00067	0.002	ND	ND
(6a R,9S)-Δ10-THC	0.00067	0.002	ND	ND
exo-THC	0.00067	0.002	ND	ND
(6aR,9R,10aR)-HHC	0.00067	0.002	ND	ND
(6aR,9S,10aR)-HHC	0.00067	0.002	ND	ND
Total Δ9-THC			0.0631	2.05
Total			1.50	48.7

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; RL = Reporting Limit; Δ = Delta; Total Δ 9-THC = Δ 9-THCA * 0.877 + Δ 9-THC; Total CBD = CBDA * 0.877 + CBD;

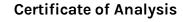
Generated By: Ryan Bellone Commercial Director Date: 08/01/2025 Tested By: Nicholas Howard Scientist Date: 08/01/2025







ISO/IEC 17025:2017 Accredited Accreditation #108651





KCA Laboratories 232 North Plaza Drive

+1-833-KCA-LABS https://kcalabs.com KDA Lic.# P_0058

3 of 8

Full Spec CBD Gummies

Sample ID: SA-250717-65417 Batch: FSGAG0825 Type: Finished Product - Ingestible

Matrix: Edible - Gummy Unit Mass (g): 3.25344

Received: 07/21/2025 Completed: 08/01/2025 Client

Highly Concentr8ed 2144 Gulf Gate Dr. Sarasota, FL 34231

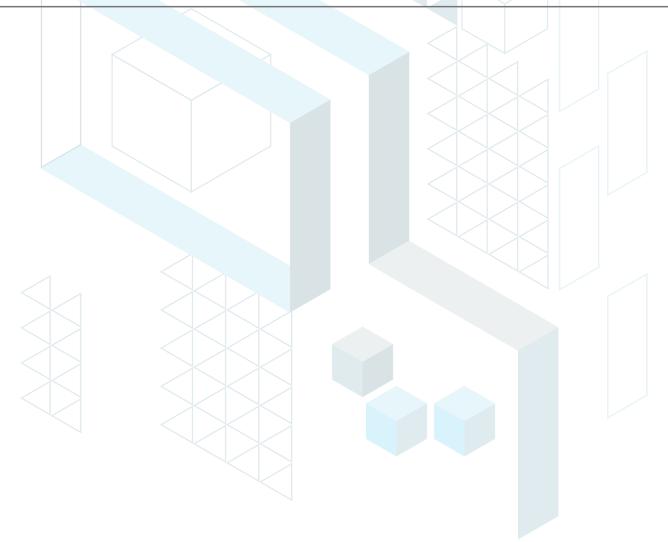
USA

Lic. #: 405998

Heavy Metals by ICP-MS

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	P/F
Arsenic	0.002	0.02	ND	Р
Cadmium	0.001	0.02	ND	Р
Lead	0.002	0.02	ND	P
Mercury	0.012	0.05	ND	P

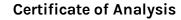
ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates



Generated By: Ryan Bellone Commercial Director Date: 08/01/2025

Tested By: Chris Farman Scientist Date: 07/24/2025







+1-833-KCA-LABS https://kcalabs.com KDA Lic.# P_0058

4 of 8

Full Spec CBD Gummies

Sample ID: SA-250717-65417

Batch: FSGAG0825

Type: Finished Product - Ingestible

Matrix: Edible - Gummy Unit Mass (g): 3.25344 Received: 07/21/2025 Completed: 08/01/2025 Client

Highly Concentr8ed 2144 Gulf Gate Dr. Sarasota, FL 34231

USA

Lic. #: 405998

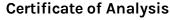
Pesticides by LC-MS/MS and GC-MS/MS

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

ND = Not Detected; NT = Not Tested; 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: 08/01/2025 Tested By: Jasper van Heemst Principal Scientist Date: 07/29/2025







+1-833-KCA-LABS https://kcalabs.com KDA Lic.# P_0058

5 of 8

Full Spec CBD Gummies

Sample ID: SA-250717-65417 Batch: FSGAG0825 Type: Finished Product - Ingestible

Matrix: Edible - Gummy Unit Mass (g): 3.25344

Received: 07/21/2025 Completed: 08/01/2025 Client

Highly Concentr8ed 2144 Gulf Gate Dr. Sarasota, FL 34231

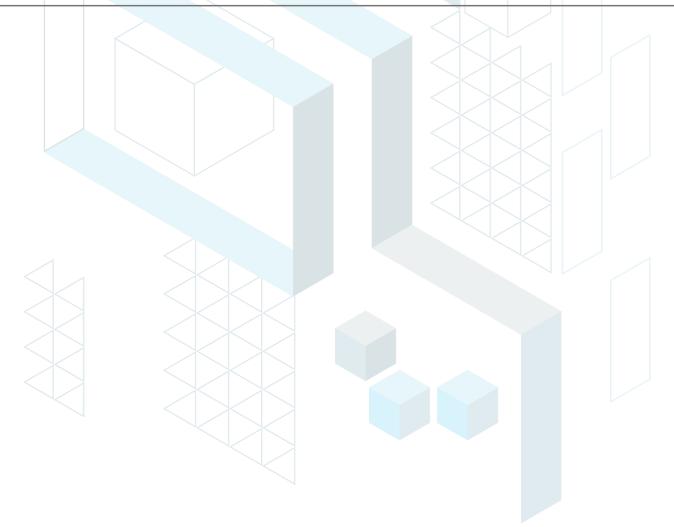
USA

Lic. #: 405998

Mycotoxins by LC-MS/MS

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

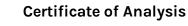
ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates



Generated By: Ryan Bellone Commercial Director Date: 08/01/2025

Tested By: Jasper van Heemst Principal Scientist







+1-833-KCA-LABS https://kcalabs.com KDA Lic.# P_0058

6 of 8

Full Spec CBD Gummies

Sample ID: SA-250717-65417 Batch: FSGAG0825 Type: Finished Product - Ingestible Matrix: Edible - Gummy

Unit Mass (g): 3.25344

Received: 07/21/2025 Completed: 08/01/2025 Client

Highly Concentr8ed 2144 Gulf Gate Dr. Sarasota, FL 34231 USA Lic. #: 405998

Microbials by PCR and Plating

Analyte	LOD (CFU/g)	Result (CFU/g)	Result (Qualitative)	P/F
Total aerobic count	10	ND		Р
Aspergillus flavus	1		Not Detected per 1 gram	Р
Aspergillus fumigatus	1		Not Detected per 1 gram	Р
Aspergillus niger	1		Not Detected per 1 gram	P
Aspergillus terreus	1		Not Detected per 1 gram	Р
Bile-tolerant gram-negative bacteria	10	ND		Р
Total coliforms	10	ND		Р
Generic E. coli	10	ND		Р
Salmonella spp.	1		Not Detected per 1 gram	Р
Shiga-toxin producing E. coli (STEC)	1		Not Detected per 1 gram	P
Total yeast and mold count (TYMC)	10	ND		Р

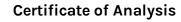
ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; CFU = Colony Forming Units; P = Pass; F = Fail; RL = Reporting Limit

RAL

Tested By: Sara Cook Laboratory Technician Date: 07/25/2025



Generated By: Ryan Bellone Commercial Director Date: 08/01/2025





+1-833-KCA-LABS https://kcalabs.com KDA Lic.# P_0058

7 of 8

Full Spec CBD Gummies

Sample ID: SA-250717-65417 Batch: FSGAG0825

Type: Finished Product - Ingestible

Matrix: Edible - Gummy Unit Mass (g): 3.25344 Received: 07/21/2025 Completed: 08/01/2025 Client

Highly Concentr8ed 2144 Gulf Gate Dr. Sarasota, FL 34231

USA

Lic. #: 405998

Residual Solvents by HS-GC-MS

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	P/F	Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	P/F
Acetone	167	500	ND	P	Ethylene Oxide	0.5	1	ND	Р
Acetonitrile	14	41	ND	Р	Heptane	167	500	ND	Р
Benzene	0.5	1	ND	Р	n-Hexane	10	29	ND	Р
Butane	167	500	ND	Р	Isobutane	167	500	ND	Р
1-Butanol	167	500	ND	Р	Isopropyl Acetate	167	500	ND	Р
2-Butanol	167	500	ND	Р	Isopropyl Alcohol	167	500	ND	Р
2-Butanone	167	500	ND	Р	Isopropylbenzene	167	500	ND	Р
Chloroform	2	6	ND	Р	Methanol	100	300	ND	Р
Cyclohexane	129	388	ND	Р	2-Methylbutane	10	29	ND	Р
1,2-Dichloroethane	0.5	1	ND	Р	Methylene Chloride	20	60	ND	Р
1,2-Dimethoxyethane	4	10	ND	Р	2-Methylpentane	10	29	ND	Р
Dimethyl Sulfoxide	167	500	ND	Р	3-Methylpentane	10	29	ND	Р
N,N-Dimethylacetamide	37	109	ND	Р	n-Pentane	167	500	ND	Р
2,2-Dimethylbutane	10	29	ND	Р	1-Pentanol	167	500	ND	Р
2,3-Dimethylbutane	10	29	ND	Р	n-Propane	167	500	ND	Р
N,N-Dimethylformamide	30	88	ND	Р	1-Propanol	167	500	ND	Р
2,2-Dimethylpropane	167	500	ND	Р	Pyridine	7	20	ND	Р
1,4-Dioxane	13	38	ND	Р	Tetrahydrofuran	24	72	ND	Р
Ethanol	167	500	ND	Р	Toluene	30	89	ND	Р
2-Ethoxyethanol	6	16	ND	Р	Trichloroethylene	3	8	ND	Р
Ethyl Acetate	167	500	ND	Р	Xylenes (o-, m-, and p-)	73	217	ND	Р
Ethyl Ether	167	500	ND	Р					
Ethylbenzene	3	7	ND	Р					

ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates

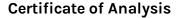
Red

Tested By: Kelsey Rogers Scientist Date: 07/23/2025



Generated By: Ryan Bellone Commercial Director Date: 08/01/2025

This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 170252017 accredited quality system. Values reported relate only to the product or substance tested. The reported result is based on a sample weight. Unless otherwise stated, results of tests performed on all quality control samples met criteria for acceptance established by KCA Laboratories. KCA Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected amounts of any substances reported herein. This Certificate of Analysis shall not be reproduced except in full, without the written approval of KCA Laboratories KCA Laboratories are provide measurement uncertainty upon request.





+1-833-KCA-LABS https://kcalabs.com KDA Lic.# P_0058

8 of 8

Full Spec CBD Gummies

Sample ID: SA-250717-65417 Batch: FSGAG0825

Type: Finished Product - Ingestible

Matrix: Edible - Gummy Unit Mass (g): 3.25344 Received: 07/21/2025 Completed: 08/01/2025 Client

Highly Concentr8ed 2144 Gulf Gate Dr. Sarasota, FL 34231

USA Lic. #: 405998

Reporting Limit Appendix

Heavy Metals - KY 902 KAR 45:190

Analyte	Limit (p	pm) Analyte	Limit (ppm)
Arsenic	1.5	Lead	0.5
Cadmium	0.5	Mercury	1.5

Microbials -

Microbials -		
Analyte	Limit (CFU/ g) Analyte	Limit (CFU/ g)
Total coliforms	100 Total aerobic count	10000
Bile-tolerant gram-negative bacteria	1000	
Total yeast and mold count (TYMC)	1000	

Residual Solvents - USP 467

Analyte	Limit (ppm)	Analyte	Limit (ppm)
Acetone	5000	Ethylene Oxide	1
Acetonitrile	410	Heptane	5000
Benzene	2	n-Hexane	290
Butane	5000	Isobutane	5000
1-Butanol	5000	Isopropyl Acetate	5000
2-Butanol	5000	Isopropyl Alcohol	5000
2-Butanone	5000	Isopropylbenzene	5000
Chloroform	60	Methanol	3000
Cyclohexane	3880	2-Methylbutane	290
1,2-Dichloroethane	5	Methylene Chloride	600
1,2-Dimethoxyethane	100	2-Methylpentane	290
Dimethyl Sulfoxide	5000	3-Methylpentane	290
N,N-Dimethylacetamide	1090	n-Pentane	5000
2,2-Dimethylbutane	290	1-Pentanol	5000
2,3-Dimethylbutane	290	n-Propane	5000
N,N-Dimethylformamide	880	1-Propanol	5000
2,2-Dimethylpropane	5000	Pyridine	200
1,4-Dioxane	380	Tetrahydrofuran	720
Ethanol	5000	Toluene	890
2-Ethoxyethanol	160	Trichloroethylene	80
Ethyl Acetate	5000	Xylenes (o-, m-, and p-)	2170
Ethyl Ether	5000		
Ethylbenzene	70		

Pesticides - CA DCC

Α	nalyte	Limit (ppb)	Analyte	Limit (ppb)
Al	pamectin	300	Hexythiazox	2000
Ad	cephate	5000	Imazalil	30
Ad	cequinocyl	4000	Imidacloprid	3000
Ad	cetamiprid	5000	Kresoxim methyl	1000
Αl	dicarb	30	Malathion	5000
Αz	zoxystrobin	40000	Metalaxyl	15000
Bi	fenazate	5000	Methiocarb	30
Bi	fenthrin	500	Methomyl	100
В	oscalid	10000	Mevinphos	30
Ca	arbaryl	500	Myclobutanil	9000
Ca	arbofuran	30	Naled	500
Cł	nloranthraniliprole	40000	Oxamyl	200
Cł	nlordane	30	Paclobutrazol	30
Cł	nlorfenapyr	30	Parathion methyl	30
Cł	nlorpyrifos	30	Pentachloronitrobenzene	200
CI	ofentezine	500	Permethrin	20000
Co	oumaphos	30	Phosmet	200
C	/fluthrin	1000	Piperonyl Butoxide	8000
C	permethrin	1000	Prallethrin	400
Di	aminozide	30	Propiconazole	20000
Di	iazinon	200	Propoxur	30
Di	ichlorvos	30	Pyrethrins	1000
Di	imethoate	30	Pyridaben	3000
Di	imethomorph	20000	Spinetoram	3000
Et	hoprophos	30	Spinosad	3000
Et	ofenprox	30	Spiromesifen	12000
Et	oxazole	1500	Spirotetramat	13000
Fe	enhexamid	10000	Spiroxamine	30
Fe	enoxycarb	30	Tebuconazole	2000
Fe	enpyroximate	2000	Thiacloprid	30
Fi	pronil	30	Thiamethoxam	4500
Fle	onicamid	2000	Trifloxystrobin	30000
Fl	udioxonil	30000		

Mycotoxins - Colorado CDPHE

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

