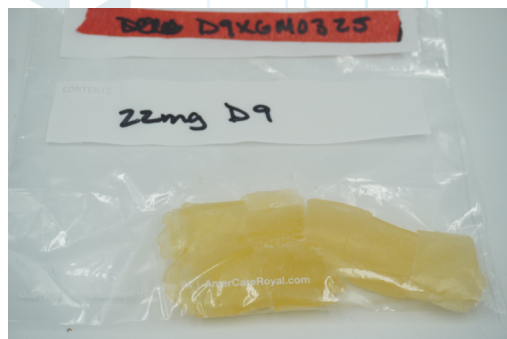


22mg D9 Gummy

Sample ID: SA-250313-58683
 Batch: D9XGM035
 Type: Finished Product - Ingestible
 Matrix: Edible - Gummy
 Unit Mass (g): 7.54223

Received: 03/17/2025
 Completed: 04/03/2025

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



Summary

Test	Date Tested	Status
Cannabinoids	03/28/2025	Tested
Heavy Metals	04/01/2025	Passed
Microbials	03/21/2025	Passed
Mycotoxins	04/03/2025	Passed
Pesticides	04/03/2025	Passed
Residual Solvents	03/31/2025	Passed
Terpenes	03/21/2025	Tested

0.274 % Total Δ9-THC	0.274 % Δ9-THC	0.288 % Total Cannabinoids	Not Tested Moisture Content	Not Tested Foreign Matter	Yes Internal Standard Normalization
--------------------------------	--------------------------	--------------------------------------	---------------------------------------	-------------------------------------	---

Cannabinoids by HPLC-PDA and GC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/unit)
CBC	0.00095	0.00284	ND	ND
CBCA	0.00181	0.00543	ND	ND
CBCV	0.0006	0.0018	ND	ND
CBD	0.00081	0.00242	0.00530	0.400
CBDA	0.00043	0.0013	ND	ND
CBDV	0.00061	0.00182	ND	ND
CBDVA	0.00021	0.00063	ND	ND
CBG	0.00057	0.00172	ND	ND
CBGA	0.00049	0.00147	ND	ND
CBL	0.00112	0.00335	ND	ND
CBLA	0.00124	0.00371	ND	ND
CBN	0.00056	0.00169	0.00260	0.196
CBNA	0.0006	0.00181	ND	ND
CBT	0.0018	0.0054	ND	ND
Δ4,8-iso-THC	0.00067	0.002	ND	ND
Δ8-iso-THC	0.00067	0.002	0.00310	0.234
Δ8-THC	0.00104	0.00312	0.00340	0.256
Δ8-THCV	0.00067	0.002	ND	ND
Δ9-THC	0.00076	0.00227	0.274	20.7
Δ9-THCA	0.00084	0.00251	ND	ND
Δ9-THCV	0.00069	0.00206	<LOQ	<LOQ
Δ9-THCVA	0.00062	0.00186	ND	ND
exo-THC	0.00067	0.002	ND	ND
Total Δ9-THC			0.274	20.7
Total			0.288	21.8

ND = Not Detected; NT = Not Tested; 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
 CCO
 Date: 04/03/2025



Tested By: Scott Caudill
 Laboratory Manager
 Date: 03/28/2025



ISO/IEC 17025:2017 Accredited
 Accreditation #108651



22mg D9 Gummy

Sample ID: SA-250313-58683
 Batch: D9XGM035
 Type: Finished Product - Ingestible
 Matrix: Edible - Gummy
 Unit Mass (g): 7.54223

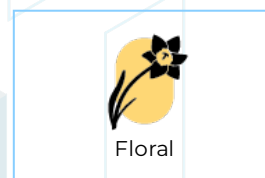
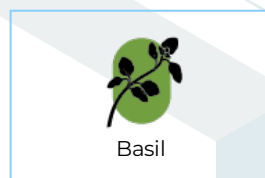
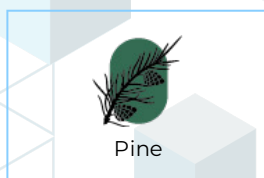
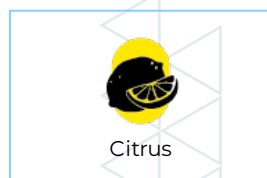
Received: 03/17/2025
 Completed: 04/03/2025

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

Terpenes by GC-MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Analyte	LOD (%)	LOQ (%)	Result (%)
α -Bisabolol	0.0002	0.001	ND	Limonene	0.0002	0.001	0.0147
(+)-Borneol	0.0002	0.001	ND	Linalool	0.0002	0.001	ND
Camphene	0.0002	0.001	ND	β -myrcene	0.0002	0.001	<LOQ
Camphor	0.0004	0.002	ND	Nerol	0.0002	0.001	ND
3-Carene	0.0002	0.001	ND	cis-Nerolidol	0.0002	0.001	ND
β -Caryophyllene	0.0002	0.001	<LOQ	trans-Nerolidol	0.0002	0.001	ND
Caryophyllene Oxide	0.0002	0.001	ND	Ocimene	0.0002	0.001	ND
α -Cedrene	0.0002	0.001	ND	α -Phellandrene	0.0002	0.001	ND
Cedrol	0.0002	0.001	ND	α -Pinene	0.0002	0.001	<LOQ
Eucalyptol	0.0002	0.001	ND	β -Pinene	0.0002	0.001	0.00176
Fenchone	0.0004	0.002	ND	Pulegone	0.0002	0.001	ND
Fenchyl Alcohol	0.0002	0.001	ND	Sabinene	0.0002	0.001	<LOQ
Geraniol	0.0002	0.001	<LOQ	Sabinene Hydrate	0.0002	0.001	ND
Geranyl Acetate	0.0002	0.001	0.00102	α -Terpinene	0.0002	0.001	ND
Guaiol	0.0002	0.001	ND	γ -Terpinene	0.0002	0.001	0.00214
Hexahydrothymol	0.0002	0.001	ND	α -Terpineol	0.0001	0.0005	0.00093
α -Humulene	0.0002	0.001	ND	γ -Terpineol	0.0001	0.0005	0.00051
Isoborneol	0.0002	0.001	ND	Terpinolene	0.0002	0.001	<LOQ
Isopulegol	0.0002	0.001	ND	Valencene	0.0002	0.001	ND
				Total Terpenes (%)			0.0244

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
 CCO

Date: 04/03/2025



Tested By: Kelsey Rogers
 Scientist

Date: 03/21/2025





KCA Laboratories
232 North Plaza Drive
Nicholasville, KY 40356

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

Certificate of Analysis

3 of 8

22mg D9 Gummy

Sample ID: SA-250313-58683
Batch: D9XGM035
Type: Finished Product - Ingestible
Matrix: Edible - Gummy
Unit Mass (g): 7.54223

Received: 03/17/2025
Completed: 04/03/2025

Client
Highly Concentrated
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	P
Cadmium	0.001	0.02	ND	P
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
CCO
Date: 04/03/2025

Tested By: Chris Farman
Scientist
Date: 04/01/2025



This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 17025:2017 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 can provide measurement uncertainty upon request.

22mg D9 Gummy

Sample ID: SA-250313-58683
 Batch: D9XGM035
 Type: Finished Product - Ingestible
 Matrix: Edible - Gummy
 Unit Mass (g): 7.54223

Received: 03/17/2025
 Completed: 04/03/2025

Client
 Highly Concentrated
 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	P	Imazalil	30	100	ND	P
Acephate	30	100	ND	P	Imidacloprid	30	100	ND	P
Acequinocyl	30	100	ND	P	Kresoxim methyl	30	100	ND	P
Acetamiprid	30	100	ND	P	Malathion	30	100	ND	P
Aldicarb	30	100	ND	P	Metaxyl	30	100	ND	P
Azoxystrobin	30	100	ND	P	Methiocarb	30	100	ND	P
Bifenazate	30	100	ND	P	Methomyl	30	100	ND	P
Bifenthrin	30	100	ND	P	Mevinphos	30	100	ND	P
Boscalid	30	100	ND	P	Myclobutanil	30	100	ND	P
Carbaryl	30	100	ND	P	Naled	30	100	ND	P
Carbofuran	30	100	ND	P	Oxamyl	30	100	ND	P
Chloranthraniliprole	30	100	ND	P	Paclobutrazol	30	100	ND	P
Chlorfenapyr	30	100	ND	P	Permethrin	30	100	ND	P
Clofentezine	30	100	ND	P	Phosmet	30	100	ND	P
Coumaphos	30	100	ND	P	Piperonyl Butoxide	30	100	ND	P
Daminozide	30	100	ND	P	Prallethrin	30	100	ND	P
Diazinon	30	100	ND	P	Propiconazole	30	100	ND	P
Dichlorvos	30	100	ND	P	Propoxur	30	100	ND	P
Dimethoate	30	100	ND	P	Pyrethrins	30	100	ND	P
Dimethomorph	30	100	ND	P	Pyridaben	30	100	ND	P
Ethoprophos	30	100	ND	P	Spinetoram	30	100	ND	P
Etofenprox	30	100	ND	P	Spinosad	30	100	ND	P
Etiozole	30	100	ND	P	Spiromesifen	30	100	ND	P
Fenhexamid	30	100	ND	P	Spirotetramat	30	100	ND	P
Fenoxycarb	30	100	ND	P	Spiroxamine	30	100	ND	P
Fenpyroximate	30	100	ND	P	Tebuconazole	30	100	ND	P
Fipronil	30	100	ND	P	Thiacloprid	30	100	ND	P
Flonicamid	30	100	ND	P	Thiamethoxam	30	100	ND	P
Fludioxonil	30	100	ND	P	Trifloxystrobin	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
 CCO

Date: 04/03/2025



Tested By: Anthony Mattingly
 Scientist

Date: 04/03/2025



22mg D9 Gummy

Sample ID: SA-250313-58683
 Batch: D9XGM035
 Type: Finished Product - Ingestible
 Matrix: Edible - Gummy
 Unit Mass (g): 7.54223

Received: 03/17/2025
 Completed: 04/03/2025

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	P
B2	1	5	ND	P
G1	1	5	ND	P
G2	1	5	ND	P
Ochratoxin A	1	5	<LOQ	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
 CCO

Date: 04/03/2025



Tested By: Anthony Mattingly
 Scientist

Date: 04/03/2025



22mg D9 Gummy

Sample ID: SA-250313-58683
 Batch: D9XGM035
 Type: Finished Product - Ingestible
 Matrix: Edible - Gummy
 Unit Mass (g): 7.54223

Received: 03/17/2025
 Completed: 04/03/2025

Client
 Highly Concentrated
 2144 Gulf Gate Dr.
 Sarasota, FL 34231
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 Lic. #: 405998

Microbials by PCR and Plating

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

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



Generated By: Ryan Bellone
 CCO
 Date: 04/03/2025



Tested By: Sara Cook
 Laboratory Technician
 Date: 03/21/2025



22mg D9 Gummy

Sample ID: SA-250313-58683
 Batch: D9XGM035
 Type: Finished Product - Ingestible
 Matrix: Edible - Gummy
 Unit Mass (g): 7.54223

Received: 03/17/2025
 Completed: 04/03/2025

Client
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 2144 Gulf Gate Dr.
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 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	P
Acetonitrile	14	41	ND	P	Heptane	167	500	ND	P
Benzene	0.5	1	ND	P	n-Hexane	10	29	ND	P
Butane	167	500	ND	P	Isobutane	167	500	ND	P
1-Butanol	167	500	ND	P	Isopropyl Acetate	167	500	ND	P
2-Butanol	167	500	ND	P	Isopropyl Alcohol	167	500	ND	P
2-Butanone	167	500	ND	P	Isopropylbenzene	167	500	ND	P
Chloroform	2	6	ND	P	Methanol	100	300	ND	P
Cyclohexane	129	388	ND	P	2-Methylbutane	10	29	ND	P
1,2-Dichloroethane	0.5	1	ND	P	Methylene Chloride	20	60	ND	P
1,2-Dimethoxyethane	4	10	ND	P	2-Methylpentane	10	29	ND	P
Dimethyl Sulfoxide	167	500	ND	P	3-Methylpentane	10	29	ND	P
N,N-Dimethylacetamide	37	109	ND	P	n-Pentane	167	500	ND	P
2,2-Dimethylbutane	10	29	ND	P	1-Pentanol	167	500	ND	P
2,3-Dimethylbutane	10	29	ND	P	n-Propane	167	500	ND	P
N,N-Dimethylformamide	30	88	ND	P	1-Propanol	167	500	ND	P
2,2-Dimethylpropane	167	500	ND	P	Pyridine	7	20	ND	P
1,4-Dioxane	13	38	ND	P	Tetrahydrofuran	24	72	ND	P
Ethanol	167	500	ND	P	Toluene	30	89	ND	P
2-Ethoxyethanol	6	16	ND	P	Trichloroethylene	3	8	ND	P
Ethyl Acetate	167	500	ND	P	Xylenes (o-, m-, and p-)	73	217	ND	P
Ethyl Ether	167	500	ND	P					
Ethylbenzene	3	7	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
 CCO

Date: 04/03/2025



Tested By: Kelsey Rogers
 Scientist

Date: 03/31/2025



22mg D9 Gummy

Sample ID: SA-250313-58683
 Batch: D9XGM035
 Type: Finished Product - Ingestible
 Matrix: Edible - Gummy
 Unit Mass (g): 7.54223

Received: 03/17/2025
 Completed: 04/03/2025

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

Reporting Limit Appendix

Heavy Metals - KY 902 KAR 45:190

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

Microbials -

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

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

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Acequinocyl	4000	Kresoxim methyl	1000
Acetamiprid	5000	Malathion	5000
Aldicarb	30	Metaxalyl	15000
Azoxystrobin	40000	Methiocarb	30
Bifenazate	5000	Methomyl	100
Bifenthrin	500	Mevinphos	30
Boscalid	10000	Myclobutanil	9000
Carbaryl	500	Naled	500
Carbofuran	30	Oxamyl	200
Chloranthraniliprole	40000	Paclobutrazol	30
Chlorfenapyr	30	Permethrin	20000
Clofentezine	500	Phosmet	200
Coumaphos	30	Piperonyl Butoxide	8000
Daminozide	30	Prallethrin	400
Diazinon	200	Propiconazole	20000
Dichlorvos	30	Propoxur	30
Dimethoate	30	Pyrethrins	1000
Dimethomorph	20000	Pyridaben	3000
Ethoprophos	30	Spinetoram	3000
Etofenprox	30	Spinosad	3000
Etoazrole	1500	Spiromesifen	12000
Fenhexamid	10000	Spirotetramat	13000
Fenoxycarb	30	Spiroxamine	30
Fenpyroximate	2000	Tebuconazole	2000
Fipronil	30	Thiacloprid	30
Fonicamid	2000	Thiamethoxam	4500
Fludioxonil	30000	Trifloxystrobin	30000

Mycotoxins - Colorado CDPHE

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

Pesticides - CA DCC

Analyte	Limit (ppb)	Analyte	Limit (ppb)
Abamectin	300	Imazalil	30
Acephate	5000	Imidacloprid	3000

