



Product Testing and Compliance Assurance

- 1) Our products undergo rigorous testing at KCA labs, a premier testing institution, employing both HPLC and MS/GC methodologies. These are the definitive techniques for accurately determining the Delta 9 THC concentration in our offerings. Additionally, we conduct thorough screenings for Pesticides, Heavy Metals, Mycotoxins, Microbials, and Residual Solvents.
- 2) We meticulously evaluate our primary cannabinoid batch, which is utilized across all strains. This ensures an accurate representation of the Cannabinoid composition without terpenes and assures complete compliance. Furthermore, the raw materials incorporated into our products are tested, and a detailed report can be shared upon request.
- 3) For consistent assurance of product legality, we conduct regular assessments at the same laboratory frequented by the Texas State Police and the DEA. This ensures that our products continuously adhere to state regulations. You can find a recent test result at the conclusion of this document.

Traceability and adherence to regulations are paramount to us. Hence, every product of ours comes with a distinct batch code, linking it back to its respective COA. Rest assured; all our offerings are in line with the 2018 Agricultural Improvement Act (Farm Bill).

Please find below the COA corresponding to the batch code on your product's packaging. Should you have any queries or require clarification regarding this test, don't hesitate to reach out at r.stewart@frozenfields.live or call 503 433 5180. We are always available to guide you through the results or provide any additional information you might need.

Regards,

Reid Stewart
Head of Compliance
Frozen Fields LLC

FFD8-50MG0623

 Sample ID: SA-230714-24534
 Batch: 06/2023
 Type: Finished Product - Ingestible
 Matrix: Edible - Gummy
 Unit Mass (g): 4.64712

 Received: 07/18/2023
 Completed: 07/22/2023

Client
 Frozen Fields LLC
 289 Silkwood Dr
 Canton, NC 28716
 USA

Summary

Test	Date Tested	Status
Cannabinoids	07/22/2023	Tested
Foreign Matter	07/20/2023	Tested
Heavy Metals	07/19/2023	Tested
Microbials	07/21/2023	Tested
Mycotoxins	07/20/2023	Tested
Pesticides	07/20/2023	Tested
Residual Solvents	07/22/2023	Tested

0.0278 % Total Δ9-THC	1.04 % Δ8-THC	1.16 % Total Cannabinoids	Not Tested Moisture Content	Not Detected Foreign Matter	Yes Internal Standard Normalization
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Cannabinoids by HPLC-PDA, LC-MS/MS, and/or 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	<LOQ	<LOQ
CBDA	0.00043	0.0013	0.0116	0.538
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	<LOQ	<LOQ
CBNA	0.0006	0.00181	ND	ND
CBT	0.0018	0.0054	ND	ND
Δ8-THC	0.00104	0.00312	1.04	48.1
Δ8-THCV	0.00067	0.002	0.00376	0.175
Δ9-THC	0.00076	0.00227	0.0278	1.29
Δ9-THCA	0.00084	0.00251	ND	ND
Δ9-THCV	0.00069	0.00206	0.00231	0.107
Δ9-THCVA	0.00062	0.00186	ND	ND
exo-THC	0.00067	0.002	0.00509	0.237
Δ8-iso-THC	0.00067	0.002	0.0386	1.79
Δ4,8-iso-THC	0.00067	0.002	0.0360	1.67
Total Δ9-THC			0.0278	1.29
Total			1.16	53.9

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: 07/25/2023



 Tested By: Scott Caudill
 Senior Scientist
 Date: 07/22/2023

 ISO/IEC 17025:2017 Accredited
 Accreditation #108651


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Heavy Metals by ICP-MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Arsenic	2	20	ND
Cadmium	1	20	ND
Lead	2	20	ND
Mercury	12	50	ND

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



 Generated By: Ryan Bellone
 CCO
 Date: 07/25/2023



 Tested By: Kelsey Rogers
 Scientist
 Date: 07/19/2023


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Pesticides by LC-MS/MS

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

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



 Generated By: Ryan Bellone
 CCO
 Date: 07/25/2023



 Tested By: Jasper van Heemst
 Principal Scientist
 Date: 07/20/2023


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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; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit



 Generated By: Ryan Bellone
 CCO
 Date: 07/25/2023



 Tested By: Jasper van Heemst
 Principal Scientist
 Date: 07/20/2023


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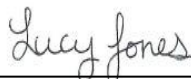
Microbials by PCR and Plating

Analyte	LOD (CFU/g)	Result (CFU/g)	Result (Qualitative)
Total aerobic count	1	ND	
Total coliforms	1	ND	
Generic E. coli	1	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; 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: 07/25/2023



 Tested By: Lucy Jones
 Scientist
 Date: 07/21/2023


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 Batch: 06/2023
 Type: Finished Product - Ingestible
 Matrix: Edible - Gummy
 Unit Mass (g): 4.64712

 Received: 07/18/2023
 Completed: 07/22/2023

Client
 Frozen Fields LLC
 289 Silkwood Dr
 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	167	500	ND	Ethylene Glycol	21	62	ND
Acetonitrile	14	41	ND	Ethylene Oxide	0.5	1	ND
Benzene	0.5	1	ND	Heptane	167	500	ND
Butane	167	500	ND	n-Hexane	10	29	ND
1-Butanol	167	500	ND	Isobutane	167	500	ND
2-Butanol	167	500	ND	Isopropyl Acetate	167	500	ND
2-Butanone	167	500	ND	Isopropyl Alcohol	167	500	ND
Chloroform	2	6	ND	Isopropylbenzene	167	500	ND
Cyclohexane	129	388	ND	Methanol	100	300	ND
1,2-Dichloroethane	0.5	1	ND	2-Methylbutane	10	29	ND
1,2-Dimethoxyethane	4	10	ND	Methylene Chloride	20	60	ND
Dimethyl Sulfoxide	167	500	ND	2-Methylpentane	10	29	ND
N,N-Dimethylacetamide	37	109	ND	3-Methylpentane	10	29	ND
2,2-Dimethylbutane	10	29	ND	n-Pentane	167	500	ND
2,3-Dimethylbutane	10	29	ND	1-Pentanol	167	500	ND
N,N-Dimethylformamide	30	88	ND	n-Propane	167	500	ND
2,2-Dimethylpropane	167	500	ND	1-Propanol	167	500	ND
1,4-Dioxane	13	38	ND	Pyridine	7	20	ND
Ethanol	167	500	ND	Tetrahydrofuran	24	72	ND
2-Ethoxyethanol	6	16	ND	Toluene	30	89	ND
Ethyl Acetate	167	500	ND	Trichloroethylene	3	8	ND
Ethyl Ether	167	500	ND	Tetramethylene Sulfone	6	16	ND
Ethylbenzene	3	7	ND	Xylenes (o-, m-, and p-)	73	217	ND

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 Generated By: Ryan Bellone
 CCO
 Date: 07/25/2023



 Tested By: Scott Caudill
 Senior Scientist
 Date: 07/22/2023




Laboratory Report for Product Evaluation

Client Information: Frozen Fields, LLC
289 Silkood Drive
Canton, NC 28716
Product Name: Frozen Fields Formula X Delta 8 Disposable Vape - All Strains

Date Received: 09/05/2023
Lab File No: C3FR13466-1 Amended
Batch No: Not Provided
Expiration Date: Not Provided

Laboratory ID	SKU/UPC	Product Description
C3-13466A-001A	7 35203 11923 4	Amber liquid from device

Lab Number:	C3-13466A-001A	Date of Analysis:	09/11/2023
Identification	Positive	THC - delta-9 Tetrahydrocannabinol	GC/MS
Concentration	0.194% ± 0.019%	Total THC - delta-9 Tetrahydrocannabinol	Dual Column GC-FID

Report Note: ATR-FTIR and GC/MS separately identify the presences of delta-8-Tetrahydrocannabinol.

Amendment Tracking

Issue Date: September 8, 2023
Amendment Date: September 13, 2023
Amendment: Due to a coeluting interferent in the HPLC-DAD analysis of this product, this report is amended to provide the delta-9 Tetrahydrocannabinol concentration measured by Dual Column GC-FID.

Andrew T. Armstrong, PhD
Certified Professional Chemist, AIC
Fellow, American Academy of Forensic Sciences
Texas Forensic Analyst License #0000011
ANAB, Certificate FT-0293

09/13/2023

Date

Total delta-9 THC = THCA-A x 0.877 + delta-9 THC. The results reported relate only to the item(s) tested. The uncertainty values reported represent an expanded uncertainty estimate at the 95.45% level of confidence. Armstrong Forensic Laboratory, Inc. (Armstrong) is accredited through American National Accreditation Board and the Texas Forensic Science Commission to perform Forensic Testing in accordance with the requirements of ISO/IEC 17025:2017. Armstrong is accredited in the disciplines of Fire Debris, Materials (Trace), Seized Drugs, and Toxicology (Volatiles). Unless noted otherwise, all work performed on this case was in accordance with these requirements and Armstrong's standard operating procedures.

C3-13466-1amd