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1 of 8

#### 10222024-FECD(SAT)

Sample ID: SA-241021-50509

Batch: 10/22/2024

Type: Finished Product - Inhalable

Matrix: Concentrate - Vape

Unit Mass (q):

Received: 10/24/2024 Completed: 10/28/2024 Client

Frozen Fields LLC 289 Silkwood Dr Canton, NC 28716

USA



Summary

Test Cannabinoids Heavy Metals Microbials Mycotoxins Pesticides **Residual Solvents** 

**Date Tested** 10/25/2024 10/28/2024 10/28/2024 10/25/2024 10/25/2024 10/25/2024

Status Tested Tested Tested **Tested Tested** Tested

ND Δ9-ΤΗС

67.5 % Δ8-ΤΗС

90.7 % 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/g)
CBC	0.0095	0.0284	ND	ND
CBCA	0.0181	0.0543	ND	ND
CBCV	0.006	0.018	ND	ND
CBD	0.0081	0.0242	ND	ND
CBDA	0.0043	0.013	ND	ND
CBDP	0.0067	0.02	ND	ND
CBDV	0.0061	0.0182	ND	ND
CBDVA	0.0021	0.0063	ND	ND
CBG	0.0057	0.0172	ND	ND
CBGA	0.0049	0.0147	ND	ND
CBL	0.0112	0.0335	ND	ND
CBLA	0.0124	0.0371	ND	ND
CBN	0.0056	0.0169	0.0781	0.781
CBNA	0.006	0.0181	ND	ND
CBNP	0.0067	0.02	ND	ND
CBT	0.018	0.054	ND	ND
∆4,8-iso-THC	0.0067	0.02	2.64	26.4
∆8-iso-THC	0.0067	0.02	0.740	7.40
∆8-THC	0.0104	0.0312	67.5	675
∆8-THCP	0.0067	0.02	0.109	1.09
∆8-THCV	0.0067	0.02	0.156	1.56
∆9-THC	0.0076	0.0227	ND	ND
Δ9-THCA	0.0084	0.0251	15.6	156
Δ9-THCP	0.0067	0.02	0.892	8.92
∆9-THCV	0.0069	0.0206	3.03	30.3
Δ9-THCVA	0.0062	0.0186	ND	ND
exo-THC	0.0067	0.02	ND	ND
Total Δ9-THC			13.6	136
Total			90.7 anning	907

ND = Not Detected, MI light lested; LOD = Limit of Detection; LOQ = Limit of Duantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA

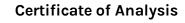
Generated By: Ryan Bellone CCO Date: 10/28/2024

Tested By: Scott Caudill Laboratory Manager Date: 10/25/2024





ISO/IEC 17025:2017 Accredited Accreditation #108651



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2 of 8

### 10222024-FECD(SAT)

kca

Sample ID: SA-241021-50509 Batch: 10/22/2024 Type: Finished Product - Inhalable Matrix: Concentrate - Vape Unit Mass (g):

Received: 10/24/2024 Completed: 10/28/2024 Client Frozen Fields LLC 289 Silkwood Dr Canton, NC 28716 USA



Generated By: Ryan Bellone CCO

Date: 10/28/2024



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3 of 8

### 10222024-FECD(SAT)

Sample ID: SA-241021-50509 Batch: 10/22/2024

Type: Finished Product - Inhalable

Matrix: Concentrate - Vape

Unit Mass (g):

Received: 10/24/2024 Completed: 10/28/2024 Client

Frozen Fields LLC 289 Silkwood Dr Canton, NC 28716

USA

## **Heavy Metals by ICP-MS**

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

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: 10/28/2024

Tested By: Chris Farman Scientist Date: 10/28/2024



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4 of 8

#### 10222024-FECD(SAT)

Sample ID: SA-241021-50509

Batch: 10/22/2024

Type: Finished Product - Inhalable

Matrix: Concentrate - Vape

Unit Mass (g):

Received: 10/24/2024 Completed: 10/28/2024 Client

Frozen Fields LLC 289 Silkwood Dr Canton, NC 28716

USA

## Pesticides by LC-MS/MS

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

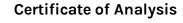
ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates

Generated By: Ryan Bellone CCO

Date: 10/28/2024

Tested By: Anthony Mattingly Scientist Date: 10/25/2024







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5 of 8

## 10222024-FECD(SAT)

Sample ID: SA-241021-50509 Batch: 10/22/2024 Type: Finished Product - Inhalable

Matrix: Concentrate - Vape Unit Mass (g): Received: 10/24/2024 Completed: 10/28/2024 Client

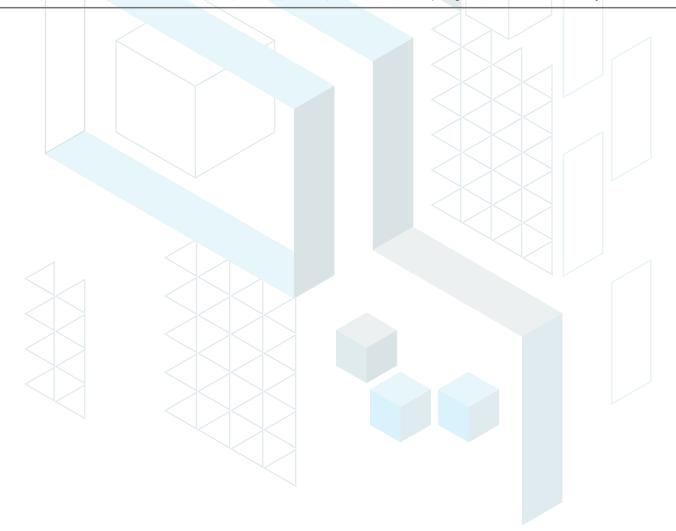
Frozen Fields LLC 289 Silkwood Dr Canton, NC 28716

USA

## 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; Values over action limits may be estimates



Generated By: Ryan Bellone

CCO Date: 10/28/2024 Tested By: Anthony Mattingly Scientist Date: 10/25/2024

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## **Certificate of Analysis**

6 of 8

### 10222024-FECD(SAT)

Sample ID: SA-241021-50509 Batch: 10/22/2024

Type: Finished Product - Inhalable Matrix: Concentrate - Vape

Unit Mass (g):

Received: 10/24/2024 Completed: 10/28/2024 Client

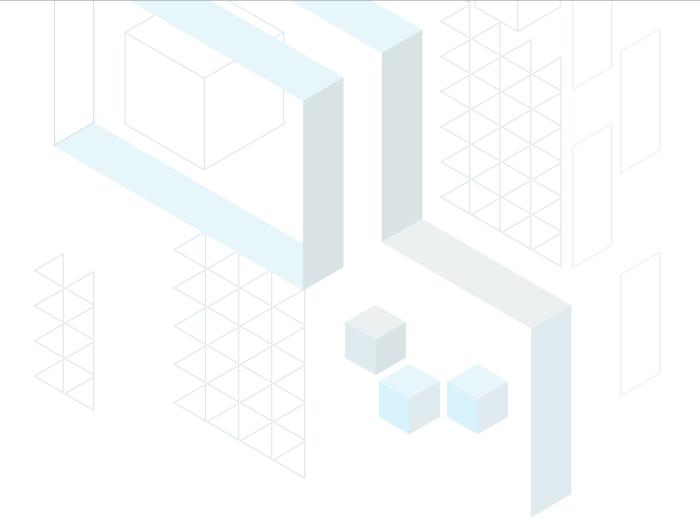
Frozen Fields LLC 289 Silkwood Dr Canton, NC 28716

USA

## 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

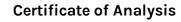
ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; CFU = Colony Forming Units; P = Pass; F = Fail; RL = Reporting Limit



Generated By: Ryan Bellone CCO Date: 10/28/2024

Tested By: Natalia Wright Laboratory Technician Date: 10/28/2024







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7 of 8

#### 10222024-FECD(SAT)

Sample ID: SA-241021-50509

Batch: 10/22/2024

Type: Finished Product - Inhalable

Matrix: Concentrate - Vape

Unit Mass (g):

Received: 10/24/2024 Completed: 10/28/2024 Client

Frozen Fields LLC 289 Silkwood Dr Canton, NC 28716

USA

## Residual Solvents by HS-GC-MS

Noord day of the little							
Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	Analyte	(ppm)	LOQ (ppm)	Result (ppm)
Acetone	167	500	ND	Ethylene Oxide	0.5	1	ND
Acetonitrile	14	41	ND	Heptane	167	500	ND
Benzene	0.5	1	ND	n-Hexane	10	29	ND
Butane	167	500	ND	Isobutane	167	500	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	100	300	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	10	29	ND
Dimethyl Sulfoxide	167	500	ND	3-Methylpentane	10	29	ND
N,N-Dimethylacetamide	37	109	ND	n-Pentane	167	500	ND
2,2-Dimethylbutane	10	29	ND	1-Pentanol	167	500	ND
2,3-Dimethylbutane	10	29	ND	n-Propane	167	500	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	<loq< td=""><td>Toluene</td><td>30</td><td>89</td><td>ND</td></loq<>	Toluene	30	89	ND
2-Ethoxyethanol	6	16	ND	Trichloroethylene	3	8	ND
Ethyl Acetate	167	500	ND	Xylenes (o-, m-, and p-)	73	217	ND
Ethyl Ether	167	500	ND				
Ethylbenzene	3	7	ND				

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

RAL

Generated By: Ryan Bellone CCO

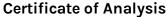
Date: 10/28/2024

Tested By Kelsey Roge

Tested By: Kelsey Rogers Scientist Date: 10/25/2024



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8 of 8

#### 10222024-FECD(SAT)

Sample ID: SA-241021-50509

Batch: 10/22/2024

Type: Finished Product - Inhalable

Matrix: Concentrate - Vape

Unit Mass (g):

Received: 10/24/2024 Completed: 10/28/2024

#### Client

Frozen Fields LLC 289 Silkwood Dr Canton, NC 28716 USA

# **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 -

Analyte	Limit (CFU/ g) Analyte	Limit (CFU/
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)
Acetamiprid	5000	Imidacloprid		3000
Aldicarb	30	Kresoxim methyl		1000
Azoxystrobin	40000	Malathion		5000
Bifenazate	5000	Metalaxyl		15000
Bifenthrin	500	Methiocarb		30
Boscalid	10000	Methomyl		100
Carbaryl	500	Mevinphos		30
Carbofuran	30	Myclobutanil		9000
Chloranthraniliprole	40000	Naled		500
Chlorfenapyr	30	Oxamyl		200
Chlorpyrifos	30	Paclobutrazol		30
Clofentezine	500	Permethrin		20000
Coumaphos	30	Phosmet		200
Cypermethrin	1000	Piperonyl Butoxio	e	8000
Diazinon	200	Prallethrin		400
Dichlorvos	30	Propiconazole		20000
Dimethoate	30	Propoxur		30
Dimethomorph	20000	Pyrethrins		1000
Ethoprophos	30	Pyridaben		3000
Etofenprox	30	Spinetoram		3000
Etoxazole	1500	Spinosad		3000
Fenhexamid	10000	Spiromesifen		12000
Fenoxycarb	30	Spirotetramat		13000
Fenpyroximate	2000	Spiroxamine		30
Fipronil	30	Tebuconazole		2000
Flonicamid	2000	Thiacloprid		30
Fludioxonil	30000	Thiamethoxam		4500

### 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	Hexythiazox	2000
Acephate	5000	Imazalil	30

