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Certificate of Analysis

1 of 8

Switch Indica Galactic Grape

Sample ID: SA-241018-50470 Batch: 10032024-SWCH(IND) Type: Finished Product - Inhalable

Matrix: Concentrate - Vape

Unit Mass (q):

Received: 10/10/2024 Completed: 10/11/2024 Client

Frozen Fields LLC 289 Silkwood Dr Canton, NC 28716

USA



Summary

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

Date Tested 10/11/2024 10/11/2024 10/11/2024 10/11/2024 10/11/2024 10/11/2024

Status Tested Tested Tested Tested Tested Tested

ND Δ9-ΤΗС

78.5 % Δ8-ΤΗС

91.0 % Total Cannabinoids

Not Tested Moisture Content

Not Tested Foreign Matter

Internal Standard Normalization

Yes

Cannabinoids by HPLC-PDA and GC-MS/MS

Analyte	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)
СВС	0.0095	0.0284	(70) ND	ND
CBCA	0.0181	0.0543	ND ND	ND
CBCV	0.006	0.018	ND 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	5.39	53.9
CBNA	0.006	0.0181	ND	ND
CBNP	0.0067	0.02	ND	ND
CBT	0.018	0.054	0.235	2.35
Δ4,8-iso-THC	0.0067	0.02	2.33	23.3
Δ8-iso-THC	0.0067	0.02	0.486	4.86
Δ8-ΤΗС	0.0104	0.0312	78.5	785
Δ8-ΤΗСΡ	0.0067	0.02	0.0790	0.790
Δ8-ΤΗCV	0.0067	0.02	0.207	2.07
Δ9-ΤΗС	0.0076	0.0227	ND	ND
Δ9-ΤΗCΑ	0.0084	0.0251	0.184	1.84
Δ9-ΤΗСΡ	0.0067	0.02	3.58	35.8
Δ9-ΤΗCV	0.0069	0.0206	ND	ND
Δ9-ΤΗCVA	0.0062	0.0186	ND	ND
exo-THC	0.0067	0.02	ND	ND
Total Δ9-THC			0.161	1.61
Total			91.0	910

ND = Not Detected, MT Light ested; LOD = Limit of Detection; LOQ = Limit of Duantitation; RL = Reporting Limit; Δ = Delta; Total Δ9-THC = Δ9-THCA

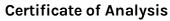
Generated By: Ryan Bellone CCO Date: 10/18/2024

Tested By: Scott Caudill Laboratory Manager Date: 10/11/2024

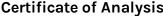




ISO/IEC 17025:2017 Accredited Accreditation #108651



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2 of 8

Switch Indica Galactic Grape

kca

Sample ID: SA-241018-50470 Batch: 10032024-SWCH(IND) Type: Finished Product - Inhalable

Matrix: Concentrate - Vape Unit Mass (g):

Received: 10/10/2024 Completed: 10/11/2024 Client Frozen Fields LLC 289 Silkwood Dr Canton, NC 28716 USA

Generated By: Ryan Bellone cco

Date: 10/18/2024



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3 of 8

Switch Indica Galactic Grape

Sample ID: SA-241018-50470 Batch: 10032024-SWCH(IND) Type: Finished Product - Inhalable Matrix: Concentrate - Vape

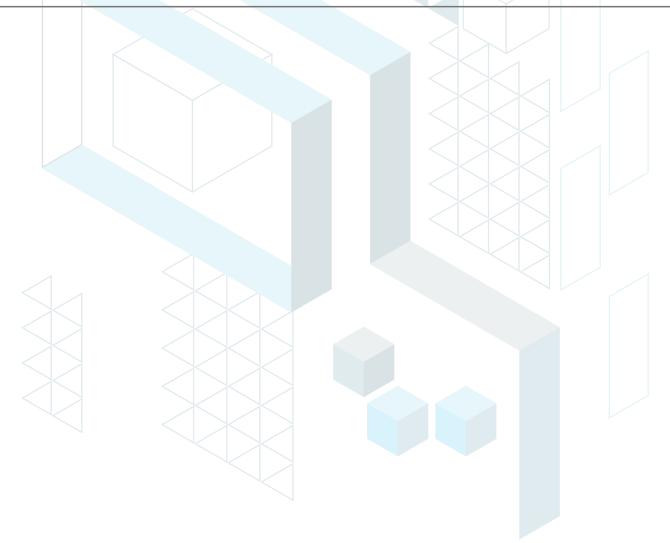
Unit Mass (g):

Received: 10/10/2024 Completed: 10/11/2024 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

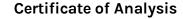
ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates



Generated By: Ryan Bellone CCO Date: 10/18/2024

Tested By: Chris Farman Scientist Date: 10/11/2024







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4 of 8

Switch Indica Galactic Grape

Sample ID: SA-241018-50470 Batch: 10032024-SWCH(IND) Type: Finished Product - Inhalable

Pesticides by LC-MS/MS

Matrix: Concentrate - Vape Unit Mass (g):

Received: 10/10/2024 Completed: 10/11/2024 Client

Frozen Fields LLC 289 Silkwood Dr Canton, NC 28716 USA

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

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: 10/18/2024

Tested By: Anthony Mattingly Scientist Date: 10/11/2024





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5 of 8

Switch Indica Galactic Grape

Sample ID: SA-241018-50470 Batch: 10032024-SWCH(IND) Type: Finished Product - Inhalable Matrix: Concentrate - Vape

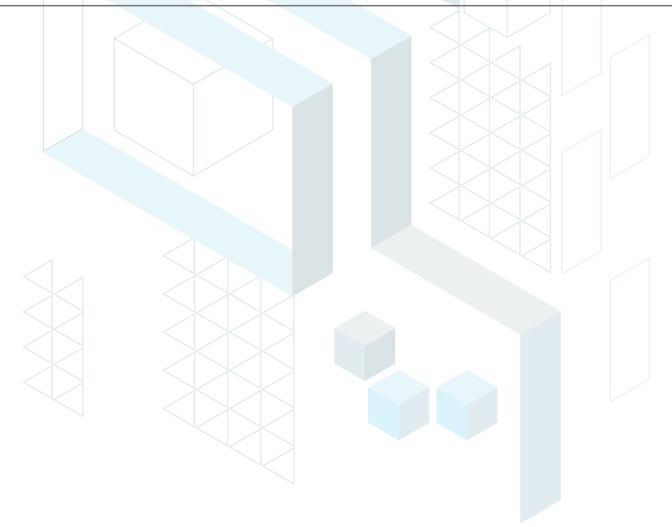
Unit Mass (g):

Received: 10/10/2024 Completed: 10/11/2024 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

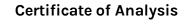


Generated By: Ryan Bellone CCO Tested By: Anthony Mattingly Scientist Date: 10/11/2024



Date: 10/18/2024

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6 of 8

Switch Indica Galactic Grape

Sample ID: SA-241018-50470 Batch: 10032024-SWCH(IND) Type: Finished Product - Inhalable Matrix: Concentrate - Vape

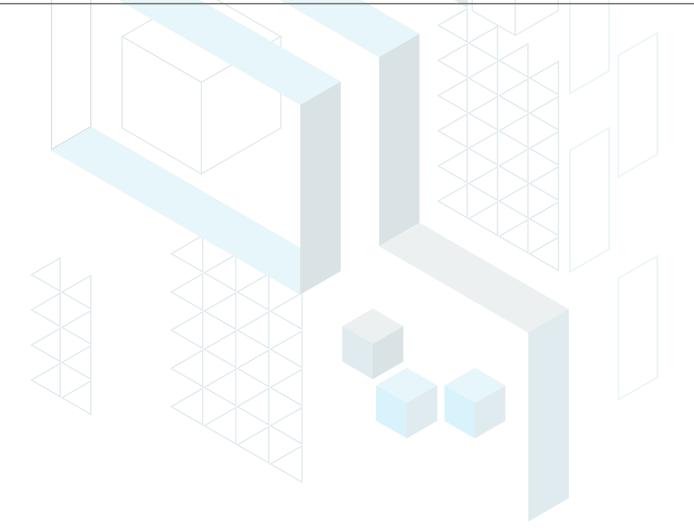
Unit Mass (g):

Received: 10/10/2024 Completed: 10/11/2024 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



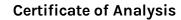
Generated By: Ryan Bellone CCO

Tested By: Jade Pinkston Microbiology Technician Date: 10/11/2024



Date: 10/18/2024

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7 of 8

Switch Indica Galactic Grape

Sample ID: SA-241018-50470 Batch: 10032024-SWCH(IND) Type: Finished Product - Inhalable

Matrix: Concentrate - Vape Unit Mass (g):

Received: 10/10/2024 Completed: 10/11/2024 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 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	ND	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

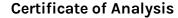
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Generated By: Ryan Bellone

CCO Date: 10/18/2024 Kelsey Rogers

Tested By: Kelsey Rogers Scientist Date: 10/11/2024







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8 of 8

Switch Indica Galactic Grape

Sample ID: SA-241018-50470 Batch: 10032024-SWCH(IND) Type: Finished Product - Inhalable

Matrix: Concentrate - Vape

Unit Mass (g):

Received: 10/10/2024 Completed: 10/11/2024

Client

Frozen Fields LLC 289 Silkwood Dr Canton, NC 28716 USA

Reporting Limit Appendix

Heavy Metals - KY 902 KAR 45:190

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

Mycotoxins - Colorado CDPHE

Analyte	Limit (pp	b) 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

