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082724-KL-Lemongrass-2000mg

Sample ID: SA-240827-47365

Batch: 08/27/24

Type: Finished Product - Topical

Matrix: Topical - Salve Unit Mass (g): 56.7 Received: 09/03/2024 Completed: 09/13/2024 Client

Frozen Fields LLC 289 Silkwood Dr Canton, NC 28716 USA



Summary

Test
Cannabinoids
Heavy Metals
Microbials
Mycotoxins
Pesticides
Residual Solvents

Date Tested 09/13/2024 09/06/2024 09/10/2024 09/10/2024 09/10/2024 09/05/2024 Status
Tested
Tested
Tested
Tested
Tested
Tested
Tested

0.00971 % Total Δ9-THC

0.817 % CBD **0.856** % Total Cannabinoids

Not TestedMoisture Content

Not TestedForeign Matter

Yes
Internal Standard
Normalization

Cannabinoids by HPLC-PDA

	LOD		LOQ	Result	Result
Analyte	(%)		(%)	(%)	(mg/unit)
CBC	0.0009)5	0.00284	0.0122	6.93
CBCA	0.0018	31	0.00543	ND	ND
CBCV	0.000	6	0.0018	ND	ND
CBD	0.0008	31	0.00242	0.817	464
CBDA	0.0004	i 3	0.0013	ND	ND
CBDV	0.000	51	0.00182	0.00423	2.40
CBDVA	0.000	21	0.00063	ND	ND
CBG	0.0005	57	0.00172	ND	ND
CBGA	0.0004	.9	0.00147	ND	ND
CBL	0.001	2	0.00335	ND	ND
CBLA	0.0012	4	0.00371	ND	ND
CBN	0.0005	66	0.00169	0.0121	6.86
CBNA	0.000	6	0.00181	ND	ND
CBT	0.0018	3	0.0054	ND	ND
Δ8-THC	0.0010	4	0.00312	ND	ND
Δ9-ΤΗС	0.0007	76	0.00227	0.00971	5.51
Δ9-ΤΗСΑ	0.0008	34	0.00251	ND	ND
Δ9-THCV	0.0006	59	0.00206	ND	ND
Δ9-THCVA	0.0006	52	0.00186	ND	ND
Total Δ9-THC				0.00971	5.51
Total				0.856	485

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-THC4 * 0.877 + Δ 9-THC; Total CBD = CBDA * 0.877 + CBD;

Generated By: Ryan Bellone CCO

Date: 09/13/2024

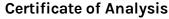
Tested By: Kelsey Rogers Scientist Date: 09/13/2024





ISO/IEC 17025:2017 Accredited
Accreditation #108651





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082724-KL-Lemongrass-2000mg

Sample ID: SA-240827-47365 Batch: 08/27/24 Type: Finished Product - Topical

Matrix: Topical - Salve Unit Mass (g): 56.7

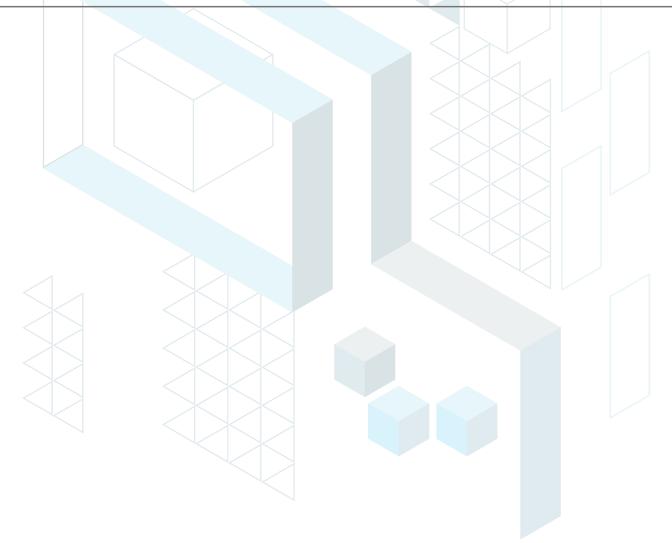
Received: 09/03/2024 Completed: 09/13/2024 Client

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: 09/13/2024

Tested By: Chris Farman Scientist Date: 09/06/2024



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 CCA Laboratories are provide measurement uncertainty upon request.





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082724-KL-Lemongrass-2000mg

Sample ID: SA-240827-47365 Batch: 08/27/24

Type: Finished Product - Topical

Matrix: Topical - Salve Unit Mass (g): 56.7

Received: 09/03/2024 Completed: 09/13/2024 Client

Frozen Fields LLC 289 Silkwood Dr Canton, NC 28716 USA

Pesticides by LC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Abamectin	30	100	ND	Hexythiazox	30	100	ND
Acetamiprid	30	100	ND	Imazalil	30	100	ND
Azoxystrobin	30	100	ND	Imidacloprid	30	100	ND
Bifenazate	30	100	ND	Kresoxim methyl	30	100	ND
Bifenthrin	30	100	ND	Malathion	30	100	ND
Boscalid	30	100	ND	Metalaxyl	30	100	ND
Carbaryl	30	100	ND	Methiocarb	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	Paclobutrazol	30	100	ND
Coumaphos	30	100	<loq< td=""><td>Permethrin</td><td>30</td><td>100</td><td>ND</td></loq<>	Permethrin	30	100	ND
Cypermethrin	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
-enhexamid	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
- Fludioxonil	30	100	ND	Tebuconazole	30	100	ND
				Thiacloprid	30	100	ND
				Thiamethoxam	30	100	ND
				Trifloxystrobin	30	100	ND

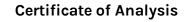
ND = Not Detected; NT = Not Tested; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates

Generated By: Ryan Bellone CCO

Date: 09/13/2024

Tested By: Anthony Mattingly Scientist Date: 09/10/2024







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082724-KL-Lemongrass-2000mg

Sample ID: SA-240827-47365 Batch: 08/27/24 Type: Finished Product - Topical Matrix: Topical - Salve

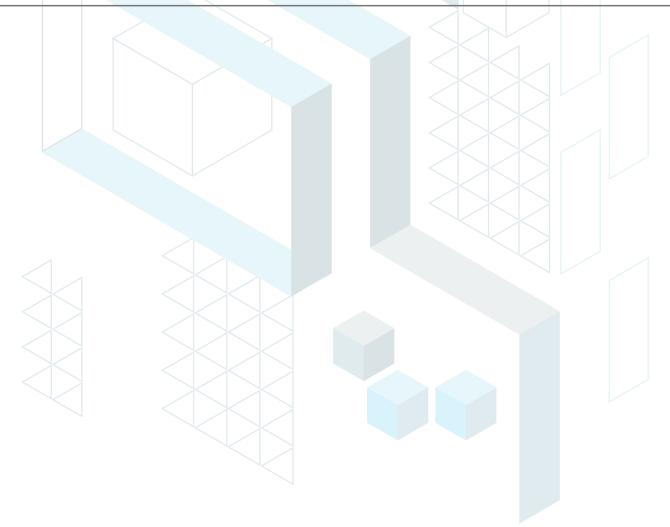
Unit Mass (g): 56.7

Received: 09/03/2024 Completed: 09/13/2024 Client Frozen Fields LLC 289 Silkwood Dr Canton, NC 28716 USA

Mycotoxins by LC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
B1	i	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: 09/10/2024







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082724-KL-Lemongrass-2000mg

Sample ID: SA-240827-47365 Batch: 08/27/24 Type: Finished Product - Topical Matrix: Topical - Salve

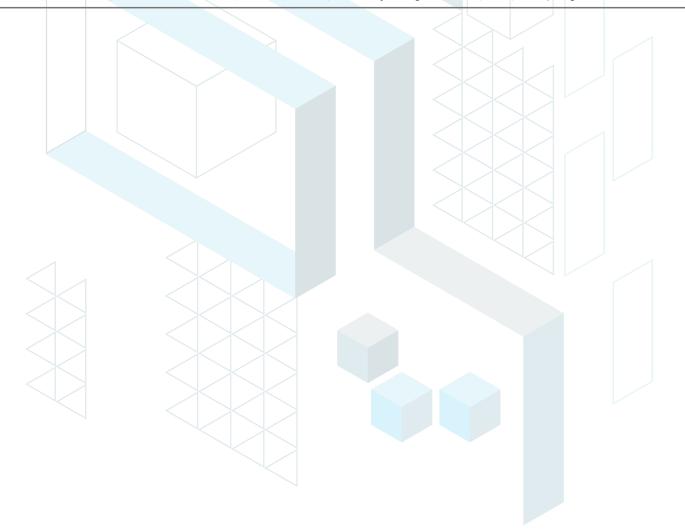
Unit Mass (g): 56.7

Received: 09/03/2024 Completed: 09/13/2024 Client Frozen Fields LLC 289 Silkwood Dr Canton, NC 28716 USA

Microbials by PCR and Plating

LOD (CFU/g)	Result (CFU/g)	Result (Qualitative)
10	<rl< td=""><td></td></rl<>	
10	ND	
10	ND	
1		Not Detected per 1 gram
1		Not Detected per 1 gram
	LOD (CFU/g) 10 10 10 10 1	10 <rl 10 ND</rl

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: 09/13/2024

Tested By: Jade Pinkston Microbiology Technician Date: 09/10/2024







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082724-KL-Lemongrass-2000mg

Sample ID: SA-240827-47365

Batch: 08/27/24

Type: Finished Product - Topical

Matrix: Topical - Salve Unit Mass (g): 56.7

Received: 09/03/2024 Completed: 09/13/2024 Client

Frozen Fields LLC 289 Silkwood Dr Canton, NC 28716 USA

Residual Solvents by HS-GC-MS

	100	100			100	100	Danie
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	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

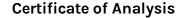
RAL

Generated By: Ryan Bellone

CCO Date: 09/13/2024 Kelsey Rogers

Tested By: Kelsey Rogers Scientist Date: 09/05/2024







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082724-KL-Lemongrass-2000mg

Sample ID: SA-240827-47365

Batch: 08/27/24

Type: Finished Product - Topical

Matrix: Topical - Salve Unit Mass (g): 56.7 Received: 09/03/2024 Completed: 09/13/2024 Client

Frozen Fields LLC 289 Silkwood Dr Canton, NC 28716 USA

Reporting Limit Appendix

Heavy Metals - KY 902 KAR 45:190

Analyte	L	.imit (pp	m) Analyte	Limit (ppm)
Arsenic		1.5	Lead	0.5
Cadmium		0.5	Mercury	1.5

Microbials -

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

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
Acetamiprid	5000	Imazalil	30

