

Black Pheasant Farm

3506 RT 22, Dover Plains, NY

AndrewJMaggio@gmail.com

914-837-8830

License #: OCM-MICR-24-32

Certificate of Analysis

Final



Date Released: 11/19/2024 5:13:26PM

Report #: 30824

Chiesel

Sample #: 7051, Weight: 112.00g, Unit Count:

Order #: X241107-0034

Category/Type: Plant, Flower - Cured

Date Collected: 11/6/2024 6:00:00PM

Date Received: 11/8/2024 9:21:27AM

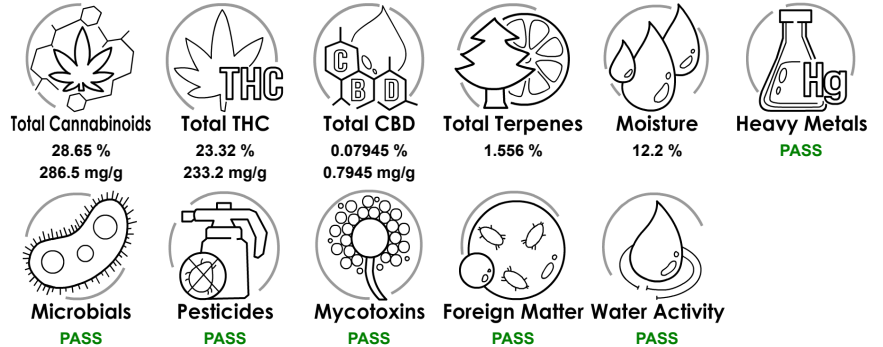
Date Sampled: 11/6/2024 12:30:00PM

Regulator Sample ID: 1

Regulator Source Package ID: 1

Regulator Batch ID: 1

Size: 20000Units, Unit Count:



Cannabinoids Avg

Total Cannabinoids: 28.65 % - 286.5 mg/g

Total THC: 23.32 % - 233.2 mg/g

Total CBD: 0.07945 % - 0.7945 mg/g

Date Completed: 11/11/2024 11:08AM

Compound	CAS#	LOQ (%)	%	mg/g	Relative Concentration
THCa	23978-85-0	0.001000	26.20	262.0	<div></div>
CBGa	25555-57-1	0.001000	1.931	19.31	<div></div>
d9-THC	1972-08-3	0.001000	0.3403	3.403	<div></div>
CBDa	1244-58-2	0.001000	0.09059	0.9059	<div></div>
CBG	25654-31-3	0.001000	0.08432	0.8432	<div></div>
CBDV	24274-48-4	0.001000	ND	ND	
THCV	31262-37-0	0.001000	ND	ND	

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Keystone State Testing of New York
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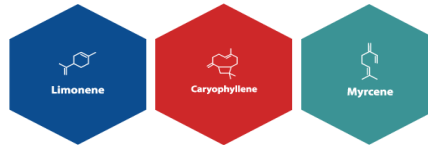
**Sample #: 7051****Chiesel**

Compound	CAS#	LOQ (%)	%	mg/g	Relative Concentration
CBD	13956-29-1	0.001000	ND	ND	
CBN	521-35-7	0.001000	ND	ND	
d8-THC	5957-75-5	0.001000	ND	ND	
d10/R9-THC	95543-62-7	0.001000	ND	ND	
d10/S9-THC	95588-87-7	0.001000	ND	ND	
CBC	20675-51-8	0.001000	ND	ND	

Test Comment: Cannabinoids analyzed by HPLC using P-NY100. The reported result is based on a sample weight using moisture content for flower samples unless moisture is listed as zero or ND. Unless otherwise stated all QC passed.

Terpenes by HS-GC-MS

Date Completed: 11/11/2024 9:53AM



Compound	CAS#	LOQ (%)	%	Relative Concentration
Limonene	5989-27-5	0.1000	0.4642	<div></div>
Beta-caryophyllene	87-44-5	0.1000	0.3276	<div></div>
Beta-myrcene	123-35-3	0.1000	0.2255	<div></div>
Valencene	4630-07-3	0.1000	0.1545	<div></div>
Farnesene	502-61-4	0.1000	0.1522	<div></div>
Alpha-humulene	6753-98-6	0.1000	0.1173	<div></div>
Linalool	78-70-6	0.1000	0.1143	<div></div>
Alpha-pinene	80-56-8	0.1000	ND	
Beta-pinene	127-91-3	0.1000	ND	

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Compound	CAS#	LOQ (%)	%	Relative Concentration
Terpinolene	586-62-9	0.1000	ND	
Ocimene	13877-91-3	0.1000	ND	
Alpha-bisabolol	515-69-5	0.1000	ND	
Caryophyllene-oxide	1139-30-6	0.1000	ND	
Geraniol	106-24-1	0.1000	ND	
Camphene	79-92-5	0.1000	ND	
Guaial	489-86-1	0.1000	ND	
Alpha-terpinene	99-86-5	0.1000	ND	
Terpineol	8006-39-1	0.1000	ND	
Fenchol	14575-74-7	0.1000	ND	
Alpha-phellandrene	99-83-2	0.1000	ND	

Test Comment: Terpenes tested by GCMS using P-NY210. Unless otherwise stated, all QC passed.**Foreign Matter by Microscopy****Pass****Analysis Date:** 11/14/2024 9:41 am

Compound	LOQ (%)	Limits (%)	Result (%)	Status
% Foreign Matter	0.00100	2.0	ND	Pass
Mammalian Exreta	0.00100	0.03	ND	Pass
Stems	0.00100	5.0	ND	Pass

Comment: Physical chemistry was tested using moisture analyzer, water activity meter using P-NY 160. Unless otherwise stated, all QC passed.**Moisture LWG****Pass****Analysis Date:** 11/14/2024 9:41 am

Compound	LOQ (%)	Limits (%)	Result (%)	Status
Moisture	1.2	5 - 15	12.2	Pass

Comment: Physical chemistry was tested using moisture analyzer, water activity meter using P-NY 160. Unless otherwise stated, all QC passed.

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Sample #: 7051 Chiesel

Water Activity		Pass		Analysis Date: 11/14/2024 9:41 am	
Compound	LOQ (Aw)	Limits (Aw)	Result (Aw)	Status	
Water Activity	0.05	0.65	0.52	Pass	
Comment: Physical chemistry was tested using moisture analyzer, water activity meter using P-NY 160. Unless otherwise stated, all QC passed.					

Pesticides by LCMSMS		Pass		Analysis Date: 11/13/2024 8:17 pm	
Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status	
Abamectin	0.0100	0.500	ND	Pass	
Acephate	0.0100	0.400	ND	Pass	
Acequinocyl	0.0100	2.00	ND	Pass	
Acetamiprid	0.0100	0.200	ND	Pass	
Aldicarb	0.0100	0.400	ND	Pass	
Azadirachtin	0.0100	1.00	ND	Pass	
Azoxystrobin	0.0100	0.200	ND	Pass	
Bifenazate	0.0100	0.200	ND	Pass	
Bifenthrin	0.0100	0.200	ND	Pass	
Boscalid	0.0100	0.400	ND	Pass	
Captan	0.0100	1.00	ND	Pass	
Carbaryl	0.0100	0.200	ND	Pass	
Carbofuran	0.0100	0.200	ND	Pass	
Chlorantraniliprole	0.0100	0.200	ND	Pass	
Chlordane-alpha	0.0100	1.00	ND	Pass	
Chlorfenapyr	0.0100	1.00	ND	Pass	
Chlormequat Chloride	0.0100	1.00	ND	Pass	
Chlorpyrifos	0.0100	0.200	ND	Pass	
Clofentezine	0.0100	0.200	ND	Pass	
Coumaphos	0.0100	1.00	ND	Pass	
Cyfluthrin	0.0100	1.00	ND	Pass	

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Pesticides by LCMSMS		Pass		Analysis Date: 11/13/2024 8:17 pm	
Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status	
Cypermethrin	0.0100	1.00	ND	Pass	
Daminozide	0.0100	1.00	ND	Pass	
Diazinon	0.0100	0.200	ND	Pass	
Dichlorvos	0.0100	1.00	ND	Pass	
Dimethoate	0.0100	0.200	ND	Pass	
Dimethomorph	0.0100	1.00	ND	Pass	
Ethoprophos	0.0100	0.200	ND	Pass	
Etofenprox	0.0100	0.400	ND	Pass	
Etoxazole	0.0100	0.200	ND	Pass	
Fenhexamid	0.0100	1.00	ND	Pass	
Fenoxycarb	0.0100	0.200	ND	Pass	
Fenpyroximate	0.0100	0.400	ND	Pass	
Fipronil	0.0100	0.400	ND	Pass	
Flonicamid	0.0100	1.00	ND	Pass	
Fludioxonil	0.0100	0.400	ND	Pass	
Hexythiazox	0.0100	1.00	ND	Pass	
Imazalil	0.0100	0.200	ND	Pass	
Imidacloprid	0.0100	0.400	ND	Pass	
Indolebutyric Acid	0.0100	1.00	ND	Pass	
Kresoxim-methyl	0.0100	0.400	ND	Pass	
Malathion	0.0100	0.200	ND	Pass	
Metalaxyl	0.0100	0.200	ND	Pass	
Methiocarb	0.0100	0.200	ND	Pass	
Methomyl	0.0100	0.400	ND	Pass	
Methyl Parathion	0.0100	0.200	ND	Pass	
Mevinphos	0.0100	1.00	ND	Pass	

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Sample #: 7051 Chiesel

Pesticides by LCMSMS		Pass		Analysis Date: 11/13/2024 8:17 pm	
Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status	
MGK-264	0.0100	0.200	ND	Pass	
Myclobutanil	0.0100	0.200	ND	Pass	
Naled	0.0100	0.500	ND	Pass	
Oxamyl	0.0100	1.00	ND	Pass	
Paclobutrazol	0.0100	0.400	ND	Pass	
Pentachloronitrobenzene	0.0100	1.00	ND	Pass	
Permethrins, Total	0.0100	0.200	ND	Pass	
Phosmet	0.0100	0.200	ND	Pass	
Piperonyl Butoxide	0.0100	2.00	ND	Pass	
Prallethrin	0.0100	0.200	ND	Pass	
Propiconazole	0.0100	0.400	ND	Pass	
Propoxur	0.0100	0.200	ND	Pass	
Pyrethrins Total	0.0100	1.00	ND	Pass	
Pyridaben	0.0100	0.200	ND	Pass	
Spinetoram Total	0.0100	1.00	ND	Pass	
Spinosad Total	0.0100	0.200	ND	Pass	
Spiromesifen	0.0100	0.200	ND	Pass	
Spirotetramat	0.0100	0.200	ND	Pass	
Spiroxamine	0.0100	0.200	ND	Pass	
Tebuconazole	0.0100	0.400	ND	Pass	
Thiacloprid	0.0100	0.200	ND	Pass	
Thiamethoxam	0.0100	0.200	ND	Pass	
Trifloxystrobin	0.0100	0.200	ND	Pass	

Comment: Pesticides tested by LCMSMS by using P-NY150. Unless otherwise stated, all QC passed.

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Sample #: 7051 Chiesel

Mycotoxins by LCMSMS

Pass

Analysis Date: 11/13/2024 8:17 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Aflatoxin B1	0.0050	0.020	ND	Pass
Aflatoxin B2	0.0050	0.020	ND	Pass
Aflatoxin G1	0.0050	0.020	ND	Pass
Aflatoxin G2	0.0050	0.020	ND	Pass
Ochratoxin A	0.0050	0.020	ND	Pass
Total Aflatoxin	0.0050	0.020	ND	Pass

Comment:

Mycotoxin contamination tested by LCMSMS using P-NY125. Unless otherwise stated, all QC passed.

Heavy Metals by ICPMS		Pass		Analysis Date: 11/11/2024 11:17 am	
Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status	
Antimony	0.0100	2.00	0.0117	Pass	
Arsenic	0.00100	0.200	ND	Pass	
Cadmium	0.00150	0.200	0.125	Pass	
Chromium	0.280	110	0.326	Pass	
Copper	0.0750	30.0	7.77	Pass	
Lead	0.00250	0.500	0.0783	Pass	
Mercury	0.000500	0.100	0.00347	Pass	
Nickel	0.0100	5.00	0.769	Pass	
Comment:	Heavy Metal contamination tested by ICPMS using P-NY140. Unless otherwise stated, all QC passed.				

Micro by Petri & qPCR		Pass		Analysis Date: 11/13/2024 2:37 pm	
Compound	LOQ (CFU/g)	Limits (CFU/g)	Result (CFU/g)	Status	
Aspergillus flavus Qualitative	1	0	Not Detected	Pass	
Aspergillus fumigatus Qualitative	1	0	Not Detected	Pass	
Aspergillus niger Qualitative	1	0	Not Detected	Pass	
Aspergillus terreus Qualitative	1	0	Not Detected	Pass	

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Micro by Petri & qPCR		Pass		Analysis Date: 11/13/2024 2:37 pm	
Compound	LOQ (CFU/g)	Limits (CFU/g)	Result (CFU/g)	Status	
Salmonella Qualitative	1	0	Not Detected	Pass	
Shiga Toxin-Producing E. coli Qualitative	1	0	Not Detected	Pass	
Total Aerobic Bacteria	10		178000	Pass	
Total Yeast & Mold	10		300000	Pass	
Comment: Microbial contamination tested by Petrifilm plates and qPCR using P-NY120. Unless otherwise stated, all QC passed. Due to COA validation limitations: "Not Detected" = "Absent" and "Detected" = "Presumptive Presence". Acceptance Limits: "0" = "Absence" and "1" = "Presence". "Passed" for an adult-use product implies the results contain less than 1,000,000 cfu/g.					

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