

Cherry Valley Growers

2750 Count Rd 31, Cherry Valley, NY

Cherryvalleygrowers@gmail.com

607-437-7643

License #: OCM-CULT-24-000023

Certificate of Analysis

Final



Date Released: 1/10/2025 3:33:26PM

Report #: 38072

Moby Dick 14g Bag

Sample #: 9100, Weight: 70.00g, Unit Count:

Order #: X241231-0001

Category/Type: Plant, Flower - Cured

Date Collected: 12/30/2024 6:00:00PM

Date Received: 1/3/2025 11:51:00AM

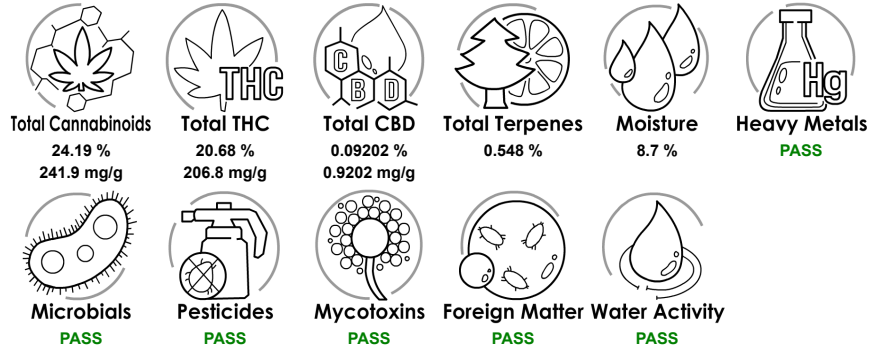
Date Sampled: 12/30/2024 11:59:00AM

Regulator Sample ID: IBCVDBMD24F14

Regulator Source Package ID: IBCVDBMD24F14

Regulator Batch ID: IBCVDBMD24F14

Size: 486Units, Unit Count:



Cannabinoids Avg

Total Cannabinoids: **24.19 % - 241.9 mg/g**

Total THC: **20.68 % - 206.8 mg/g**

Total CBD: **0.09202 % - 0.9202 mg/g**

Date Completed: 01/07/2025 6:10PM

Compound	CAS#	LOQ (%)	%	mg/g	Relative Concentration
THCa	23978-85-0	0.001000	21.55	215.5	<div></div>
d9-THC	1972-08-3	0.001000	1.756	17.56	<div></div>
CBGa	25555-57-1	0.001000	0.6123	6.123	<div></div>
CBDa	1244-58-2	0.001000	0.1049	1.049	<div></div>
CBG	25654-31-3	0.001000	0.07719	0.7719	<div></div>
CBC	20675-51-8	0.001000	0.03209	0.3209	<div></div>
d10/S9-THC	95588-87-7	0.001000	0.02348	0.2348	<div></div>

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Keystone State Testing of New York
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Sample #: 9100

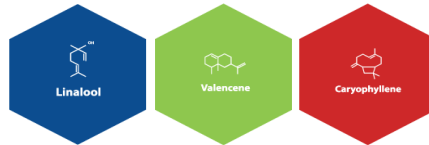
Moby Dick 14g Bag

Compound	CAS#	LOQ (%)	%	mg/g	Relative Concentration
THCV	31262-37-0	0.001000	0.01619	0.1619	
CBN	521-35-7	0.001000	0.008897	0.08897	
CBDV	24274-48-4	0.001000	ND	ND	
CBD	13956-29-1	0.001000	ND	ND	
d8-THC	5957-75-5	0.001000	ND	ND	
d10/R9-THC	95543-62-7	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: 01/08/2025 9:31AM



Compound	CAS#	LOQ (%)	%	Relative Concentration
Linalool	78-70-6	0.1000	0.1809	<div></div>
Valencene	4630-07-3	0.1000	0.1447	<div></div>
Beta-caryophyllene	87-44-5	0.1000	0.1171	<div></div>
Guaial	489-86-1	0.1000	0.1053	<div></div>
Beta-myrcene	123-35-3	0.1000	ND	
Limonene	5989-27-5	0.1000	ND	
Alpha-pinene	80-56-8	0.1000	ND	
Alpha-humulene	6753-98-6	0.1000	ND	
Beta-pinene	127-91-3	0.1000	ND	

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**Sample #: 9100****Moby Dick 14g Bag**

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	
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	
Farnesene	502-61-4	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:** 01/07/2025 4:45 pm

Compound	LOQ (%)	Limits (%)	Result (%)	Status
% Foreign Matter	0.00100	2.0	ND	Pass
Mammalian Excreta	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:** 01/07/2025 4:50 pm

Compound	LOQ (%)	Limits (%)	Result (%)	Status
Moisture	1.2	5 - 15	8.7	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 #: 9100

Moby Dick 14g Bag

Water Activity

Pass

Analysis Date: 01/07/2025 4:54 pm

Compound	LOQ (Aw)	Limits (Aw)	Result (Aw)	Status
Water Activity	0.05	0.65	0.35	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: 01/07/2025 11:40 am

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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Sample #: 9100

Moby Dick 14g Bag

Pesticides by LCMSMS

Pass

Analysis Date: 01/07/2025 11:40 am

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 #: 9100 Moby Dick 14g Bag

Pesticides by LCMSMS		Pass		Analysis Date: 01/07/2025 11:40 am	
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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KEYSTONE STATE TESTING

ACCREDITED
CERTIFICATE NUMBER 4405.03

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LABWARE GROW
CULTIVATING COMPLIANCE™



Sample #: 9100

Moby Dick 14g Bag

Mycotoxins by LCMSMS

Pass

Analysis Date: 01/07/2025 11:32 am

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: 01/07/2025 10:35 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Antimony	0.0100	2.00	ND	Pass
Arsenic	0.00100	0.200	ND	Pass
Cadmium	0.00150	0.200	0.0277	Pass
Chromium	0.280	110	0.438	Pass
Copper	0.0750	30.0	15.9	Pass
Lead	0.00250	0.500	0.130	Pass
Mercury	0.000500	0.100	0.000580	Pass
Nickel	0.0100	5.00	0.678	Pass

Comment: Heavy Metal contamination tested by ICPMS using P-NY140. Unless otherwise stated, all QC passed.

Micro by Petri & qPCR

Pass

Analysis Date: 01/03/2025 3:18 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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Sample #: 9100


Moby Dick 14g Bag

Micro by Petri & qPCR		Pass		Analysis Date: 01/03/2025 3:18 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		85000	Pass	
Total Yeast & Mold	10		420000	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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