

West Kill Bend INC DBA Blackbird Gardens

1100 West kill rd, Jefferson NY 12093
 Blackbirdgardens13@gmail.com
 845-494-7950
 License #: OCM-AUCC-22-000049

Certificate of Analysis

Final



Date Released: 7/15/2025 3:11:26PM

Report #: 69472

Pine Sap OG

Sample #: 16524, Weight: 50.00g, Unit Count:
 Order #: X250710-0002

Category/Type: Plant, Preroll

Date Collected: 7/9/2025 5:19:00PM

Date Received: 7/10/2025 10:18:58AM

Date Sampled: 7/9/2025 10:30:00AM

Regulator Sample ID: PS001PR

Regulator Source Package ID: PS001PR

Regulator Batch ID: PS001PR

Size: 9200Units, Unit Count:



Total Cannabinoids
 21.40 %
 214.0 mg/g



Total THC
 18.08 %
 180.8 mg/g



Total CBD
 0.04022 %
 0.4022 mg/g



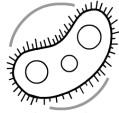
Total Terpenes
 0.362 %



Moisture
 9.3 %



Heavy Metals
 PASS



Microbials
 PASS



Pesticides
 PASS



Mycotoxins
 PASS



Water Activity
 PASS

Cannabinoids Avg					Total Cannabinoids: 21.40 % - 214.0 mg/g		Date Completed: 07/14/2025 3:38PM	
					Total THC: 18.08 % - 180.8 mg/g			
					Total CBD: 0.04022 % - 0.4022 mg/g			
Compound	CAS#	LOQ (%)	%	mg/g	Relative Concentration			
THCa	23978-85-0	0.001000	17.70	177.0	[Bar chart showing high relative concentration]			
d9-THC	1972-08-3	0.001000	2.532	25.32	[Bar chart showing moderate relative concentration]			
CBGa	25555-57-1	0.001000	0.9891	9.891	[Bar chart showing low relative concentration]			
CBG	25654-31-3	0.001000	0.08827	0.8827	[Bar chart showing very low relative concentration]			
CBDa	1244-58-2	0.001000	0.04586	0.4586	[Bar chart showing very low relative concentration]			
d10/S9-THC	95588-87-7	0.001000	0.02306	0.2306	[Bar chart showing very low relative concentration]			
CBC	20675-51-8	0.001000	0.01638	0.1638	[Bar chart showing very low relative concentration]			

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Kelly Greenland

Dr. Kelly Greenland, Lab Director



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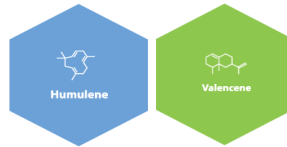
Pine Sap OG

Compound	CAS#	LOQ (%)	%	mg/g	Relative Concentration
CBDV	24274-48-4	0.001000	ND	ND	
THCV	31262-37-0	0.001000	ND	ND	
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	

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: 07/14/2025 3:16PM



Compound	CAS#	LOQ (%)	%	Relative Concentration
Farnesene	502-61-4	0.1000	0.1497	
Alpha-humulene	6753-98-6	0.1000	0.1094	
Valencene	4630-07-3	0.1000	0.1030	
Results based on dry weight				
Beta-myrcene	123-35-3	0.1000	ND	
Beta-caryophyllene	87-44-5	0.1000	ND	
Limonene	5989-27-5	0.1000	ND	
Alpha-pinene	80-56-8	0.1000	ND	
Linalool	78-70-6	0.1000	ND	

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Compound	CAS#	LOQ (%)	%	Relative Concentration
Beta-pinene	127-91-3	0.1000	ND	
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.

Moisture LWG

Pass

Analysis Date: 07/12/2025 1:09 pm

Compound	LOQ (%)	Limits (%)	Result (%)	Status
Moisture	1.2	0 - 15	9.3	Pass

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

Water Activity

Pass

Analysis Date: 07/12/2025 1:09 pm

Compound	LOQ (Aw)	Limits (Aw)	Result (Aw)	Status
Water Activity	0.05	0.65	0.61	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: 07/14/2025 4:59 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Abamectin	0.0100	0.500	ND	Pass

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Pine Sap OG

Pesticides by LCMSMS

Pass

Analysis Date: 07/14/2025 4:59 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
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
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

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Pesticides by LCMSMS

Pass

Analysis Date: 07/14/2025 4:59 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
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
Fonicamid	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
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

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Pesticides by LCMSMS

Pass

Analysis Date: 07/14/2025 4:59 pm

Table with 5 columns: Compound, LOQ (µg/g), Limits (µg/g), Result (µg/g), Status. Lists various pesticides like Permethrins, Phosmet, Piperonyl Butoxide, etc., all with 'Pass' status.

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

Mycotoxins by LCMSMS

Pass

Analysis Date: 07/14/2025 4:59 pm

Table with 5 columns: Compound, LOQ (µg/g), Limits (µg/g), Result (µg/g), Status. Lists mycotoxins like Aflatoxin B1, Aflatoxin B2, Aflatoxin G1, Aflatoxin G2, Ochratoxin A, all with 'Pass' status.

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Mycotoxins by LCMSMS

Pass

Analysis Date: 07/14/2025 4:59 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
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: 07/11/2025 10:18 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	0.0420	Pass
Chromium	0.280	110	ND	Pass
Copper	0.0750	30.0	17.9	Pass
Lead	0.00250	0.500	0.0423	Pass
Mercury	0.000500	0.100	ND	Pass
Nickel	0.0100	5.00	1.20	Pass

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

Micro by Petri & qPCR

Pass

Analysis Date: 07/12/2025 10:26 am

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
Salmonella Qualitative	1	0	Not Detected	Pass
Shiga Toxin-Producing E. coli Qualitative	1	0	Not Detected	Pass
Total Aerobic Bacteria	10		<LOQ	Pass
Total Yeast & Mold	10		1000	Pass

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Pine Sap OG

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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