1543 Union Center Maine Hwy pete@nanticokegardens.com 607-754-5008

License #: OCM-PROC-24-000002

Certificate of Analysis



Date Released: 6/27/2025 6:01:44PM

Report #: 66564

OG Kush .5g Preroll

Sample #: 16060, Weight: 10.00g, Unit Count:

Order #: X250623-0002 Category/Type: Plant, Preroll

Date Collected: 6/23/2025 4:40:00PM Date Received: 6/23/2025 10:20:51AM Date Sampled: 6/23/2025 8:22:00AM Regulator Sample ID: SR121907OHPR

Regulator Source Package ID: SR121907OHPR

Regulator Batch ID: SR121907OHPR

Size: 10000Units, Unit Count:



Total Cannabinoids 38.60 % 386.0 mg/g





0.1041 %



0.942 %



10.4 %



PASS

322.6 mg/g \bigcirc Microbials



1.041 mg/g Mycotoxins **PASS**

Water Activity

Cannabinoids Avg	Total Cannabinoids: 38.60 % - 386.0 mg/g Total THC: 32.26 % - 322.6 mg/g Total CBD: 0.1041 % - 1.041 mg/g			Date Completed: 06/25/2025	2:10PM		
Compound	CAS#	LOQ (%)	%	mg/g	Relative Concentration		
THCa	23978-85-0	0.001000	35.80	358.0			
CBGa	25555-57-1	0.001000	1.645	16.45	-		
d9-THC	1972-08-3	0.001000	0.8650	8.650	•		
CBG	25654-31-3	0.001000	0.1707	1.707	1		
CBDa	1244-58-2	0.001000	0.1187	1.187	1		
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 1809 Vestal Pkwy E

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Einal



Sample #: 16060 OG Kush .5g Preroll

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	
СВС	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	c	aryophyllene	Limonene	Humulene	Date Completed: 06/26/2025 2:22P
Compound	CAS#	LOQ (%)	%	Relative Concentration	
Beta-caryophyllene	87-44-5	0.1000	0.4505		
Limonene	5989-27-5	0.1000	0.1930		
Alpha-humulene	6753-98-6	0.1000	0.1528		
Farnesene	502-61-4	0.1000	0.1456		
Results based on dry weight					
Beta-myrcene	123-35-3	0.1000	ND		
Alpha-pinene	80-56-8	0.1000	ND		
Linalool	78-70-6	0.1000	ND		
Beta-pinene	127-91-3	0.1000	ND		

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Einal



Sample #: 16060 OG Kush .5g Preroll

Compound	CAS#	LOQ (%)	%	Relative Concentration
erpinolene	586-62-9	0.1000	ND	
cimene	13877-91-3	0.1000	ND	
lpha-bisabolol	515-69-5	0.1000	ND	
aryophyllene-oxide	1139-30-6	0.1000	ND	
eraniol	106-24-1	0.1000	ND	
amphene	79-92-5	0.1000	ND	
Buaiol	489-86-1	0.1000	ND	
lpha-terpinene	99-86-5	0.1000	ND	
erpineol	8006-39-1	0.1000	ND	
enchol	14575-74-7	0.1000	ND	
alencene	4630-07-3	0.1000	ND	
lpha-phellandrene	99-83-2	0.1000	ND	

Moisture LWG	Pass	3	Analysis Date: 06/25/2025 12:53 pm		
Compound	LOQ (%)	Limits (%)	Result (%)	Status	
Moisture	1.2	0 - 15	10.4	Pass	
Comment: Physical chemistry was tested using moisture analyze	er, water activity meter using P-NY 16	60. Unless otherwise stated, all QC passed	l.		

W	ater Activity	Pass	5	Analysis Date:	Analysis Date: 06/25/2025 12:53 pm		
	Compound	LOQ (Aw)	Limits (Aw)	Result (Aw)	Status		
	Water Activity	0.05	0.65	0.56	Pass		
Co	Comment: Physical chemistry was tested using moisture analyzer, water activity meter using P-NY 160. Unless otherwise stated, all QC passed.						

P	esticides by LCMSMS	cides by LCMSMS Pass Analysis Date: 06/25/20			06/25/2025 4:35 pm
	Compound	LOQ (μg/g)	Limits (μg/g)	Result (μg/g)	Status
	Abamectin	0.0100	0.500	ND	Pass

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Final



Sample #: 16060 OG Kush .5g Preroll

sticides by LCMSMS	Pass	3	Analysis Date: 06/25/2025 4:35 pn		
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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License #: OCM-PROC-24-000002

Certificate of Analysis

Final



Sample #: 16060 OG Kush .5g Preroll

esticides by LCMSMS	Pass	}	Analysis Date: 06/25/2025 4:35 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	
Flonicamid	0.0100	1.00	ND	Pass	
Fludioxonil	0.0100	0.400	ND	Pass	
Hexythiazox	0.0100	1.00	ND	Pass	
lmazalil	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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Fina



Sample #: 16060 OG Kush .5g Preroll

Pass	,	Analysis Date: 06/25/2025 4:35 pm		
LOQ (μg/g)	Limits (µg/g)	Result (μg/g)	Status	
0.0100	0.200	ND	Pass	
0.0100	0.200	ND	Pass	
0.0100	2.00	ND	Pass	
0.0100	0.200	ND	Pass	
0.0100	0.400	ND	Pass	
0.0100	0.200	ND	Pass	
0.0100	1.00	ND	Pass	
0.0100	0.200	ND	Pass	
0.0100	1.00	ND	Pass	
0.0100	0.200	ND	Pass	
0.0100	0.200	ND	Pass	
0.0100	0.200	ND	Pass	
0.0100	0.200	ND	Pass	
0.0100	0.400	ND	Pass	
0.0100	0.200	ND	Pass	
0.0100	0.200	ND	Pass	
0.0100	0.200	ND	Pass	
	LOQ (μg/g) 0.0100	0.0100 0.200 0.0100 0.200 0.0100 2.00 0.0100 0.200 0.0100 0.200 0.0100 1.00 0.0100 0.200 0.0100 1.00 0.0100 0.200 0.0100 0.200 0.0100 0.200 0.0100 0.200 0.0100 0.200 0.0100 0.200 0.0100 0.200 0.0100 0.200 0.0100 0.200 0.0100 0.200 0.0100 0.200	LOQ (μg/g) Limits (μg/g) Result (μg/g) 0.0100 0.200 ND 0.0100 0.200 ND 0.0100 2.00 ND 0.0100 0.200 ND 0.0100 0.400 ND 0.0100 0.200 ND 0.0100 1.00 ND 0.0100 0.200 ND	

Mycotoxins by LCMSMS	Pass		Analysis Date: 06/25/2025 4:33 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	

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Final



Sample #: 16060 OG Kush .5g Preroll

M	ycotoxins by LCMSMS	Pass		Analysis Date: 06/25/2025 4:33				
	Compound	LOQ (μg/g)	Limits (µg/g)	Result (μg/g)	Status			
	Total Aflatoxin	0.0050	0.020	ND	Pass			
Co	Comment: Mycotoxin contamination tested by LCMSMS using P-NY125. Unless otherwise stated, all QC passed.							

Pass		Analysis Date: 06/25/2025 5:59 pm	
LOQ (μg/g)	Limits (µg/g)	Result (μg/g)	Status
0.0100	2.00	0.0438	Pass
0.00100	0.200	ND	Pass
0.00150	0.200	ND	Pass
0.280	110	0.572	Pass
0.0750	30.0	4.51	Pass
0.00250	0.500	0.0482	Pass
0.000500	0.100	0.00428	Pass
0.0100	5.00	ND	Pass
	LOQ (μg/g) 0.0100 0.00100 0.00150 0.280 0.0750 0.00250 0.000500	LOQ (μg/g) Limits (μg/g) 0.0100 2.00 0.00100 0.200 0.00150 0.200 0.280 110 0.0750 30.0 0.00250 0.500 0.000500 0.100	LOQ (μg/g) Limits (μg/g) Result (μg/g) 0.0100 2.00 0.0438 0.00100 0.200 ND 0.00150 0.200 ND 0.280 110 0.572 0.0750 30.0 4.51 0.00250 0.500 0.0482 0.000500 0.100 0.00428

Micro by Petri & qPCR	Pass		Analysis Date: 06/26/2025 11:53 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		1000	Pass
Total Yeast & Mold	10		6000	Pass

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Final



Sample #: 16060 OG Kush .5g Preroll

Comment: Microbi

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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Dr. Kelly Greenland, Lab Director



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