Date Released: 2/20/2025 6:12:25PM

Category/Type: Plant, Flower - Cured

Report #: 45274

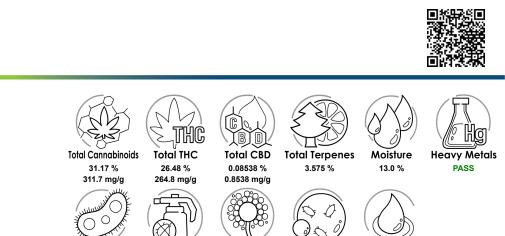
Preferred Znacks

Order #: X250217-0002

Certificate of Analysis

PASS

Final



PASS

Mycotoxins Foreign Matter Water Activity

PASS

 Date Collected:
 2/14/2025
 6:00:00PM

 Date Received:
 2/17/2025
 9:35:33AM

 Date Sampled:
 2/14/2025
 3:35:27PM

 Regulator Sample ID:
 10-8F-PG25-ZNK

 Regulator Source Package ID:
 10-8F-PG25-ZNK

 Regulator Batch ID:
 10-8F-PG25-ZNK

Sample #: 11290, Weight: 45.50g, Unit Count:

Size: 3110Units, Unit Count:

Total THC		Total Cannabinoids: 31.17 % - 311.7 mg/g Total THC: 26.48 % - 264.8 mg/g Total CBD: 0.08538 % - 0.8538 mg/g			Date Completed: 02/18/2025	6:05PN	
Compound	CAS#	LOQ (%)	%	mg/g	Relative Concentration		
THCa	23978-85-0	0.001000	29.27	292.7			
CBGa	25555-57-1	0.001000	0.8988	8.988	-		
d9-THC	1972-08-3	0.001000	0.8072	8.072	•		
CBDa	1244-58-2	0.001000	0.09735	0.9735	1		
CBG	25654-31-3	0.001000	0.09524	0.9524	I		
CBDV	24274-48-4	0.001000	ND	ND			
THCV	31262-37-0	0.001000	ND	ND			

Microbials

PASS

Pesticides

PASS

the laboratory workflow. Results based on simple acceptance, not taking into consideration measuremental uncertainty.

If sampled by Keystone State Testing, sampling followed SOP-P-NY500 at the client facility listed above.



Keystone State Testing of New York 1809 Vestal Pkwy E Vestal, NY 13850

(607)301-0884 InfoNY@KeystoneStateTesting.com www.KeystoneStateTesting.com Permit #: OCM-CPL-00007 Kelly Greenland, Lab Director



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Sample #: 11290						Preferred Znacks
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	ca	ryophyllene	Linalool	Limonene	Date Completed: 02/20/2025 4:01PM
Compound	CAS#	LOQ (%)	%	Relative Concentration	
Beta-caryophyllene	87-44-5	0.1000	0.9576		
Linalool	78-70-6	0.1000	0.6250		
Limonene	5989-27-5	0.1000	0.6149		
Farnesene	502-61-4	0.1000	0.3849		
Alpha-humulene	6753-98-6	0.1000	0.3082		
Beta-myrcene	123-35-3	0.1000	0.2998		
Valencene	4630-07-3	0.1000	0.1378		
Terpineol	8006-39-1	0.1000	0.1356		
Fenchol	14575-74-7	0.1000	0.1111		

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Results based on simple acceptance, not taking into consideration measuremental uncertainty.

If sampled by Keystone State Testing, sampling followed SOP-P-NY500 at the client facility listed above.



Keystone State Testing of New York 1809 Vestal Pkwy E Vestal, NY 13850 (607)301-0884

InfoNY@KeystoneStateTesting.com www.KeystoneStateTesting.com Permit #: OCM-CPL-00007 Kelly N Surela Dr. Kelly Greenland, Lab Director



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Preferred Znacks

Sample #: 11290

Compound	CAS#	LOQ (%)	%	Relative Concentration
lpha-pinene	80-56-8	0.1000	ND	
eta-pinene	127-91-3	0.1000	ND	
rpinolene	586-62-9	0.1000	ND	
cimene	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	
Guaiol	489-86-1	0.1000	ND	
Alpha-terpinene	99-86-5	0.1000	ND	
Ipha-phellandrene	99-83-2	0.1000	ND	

Foreign Matter by Microscopy	Pass		ign Matter by Microscopy Pass		Analysis Date	e: 02/20/2025 4:04 pm	
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,	Comment: Physical chemistry was tested using moisture analyzer, water activity meter using P-NY 160. Unless otherwise stated, all QC passed.						

Moisture LWG	Pass	5	Analysis Date	: 02/18/2025 11:39 am
Compound	LOQ (%)	Limits (%)	Result (%)	Status
Moisture	1.2	5 - 15	13.0	Pass

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

LOQ= Level of Quantitation. ND= Not Detected. Date Sampled= Date and time sample was collected from client. Date Collected= Date and time sample was received at the laboratory. Date Received= Date and time sample entered the laboratory workflow. Results based on simple acceptance, not taking into consideration measuremental uncertainty.

If sampled by Keystone State Testing, sampling followed SOP-P-NY500 at the client facility listed above.



Keystone State Testing of New York 1809 Vestal Pkwy E

Vestal, NY 13850 (607)301-0884 InfoNY@KeystoneStateTesting.com www.KeystoneStateTesting.com Permit #: OCM-CPL-00007 Dr. Kelly Greenland, Lab Director

Kelly N Guela



Sample #: 11290

Final



Preferred Znacks

Vater Activity	Pass	5	Analysis Date: 02/19/2025 1:58		
Compound	LOQ (Aw)	Limits (Aw)	Result (Aw)	Status	
Water Activity	0.05	0.65	0.48	Pass	

Pass Analysis Date: 02/20/2025 4:22 pm Pesticides by LCMSMS Compound LOQ (µg/g) Limits (µg/g) Result (µg/g) Status 0.0100 ND Pass Abamectin 0.500 ND Acephate 0.0100 0.400 Pass 0.0100 2.00 ND Acequinocyl Pass ND Acetamiprid 0.0100 0.200 Pass 0.0100 0.400 ND Aldicarb Pass 0.0100 1.00 0.417 Azadirachtin Pass Azoxystrobin 0.0100 0.200 ND Pass 0.200 ND Bifenazate 0.0100 Pass Bifenthrin 0.0100 0.200 ND Pass Boscalid 0.0100 0.400 ND Pass 0.0100 1.00 ND Captan Pass ND Carbaryl 0.0100 0.200 Pass Carbofuran 0.0100 0.200 ND Pass ND Chlorantraniliprole 0.0100 0.200 Pass Chlordane-alpha 0.0100 1.00 ND Pass 0.0100 1.00 ND Pass Chlorfenapyr Chlormequat Chloride 0.0100 1.00 ND Pass Chlorpyrifos 0.0100 0.200 ND Pass Clofentezine 0.0100 0.200 ND Pass 0.0100 ND Coumaphos 1.00 Pass Cyfluthrin 0.0100 ND 1.00 Pass

LOQ= Level of Quantitation. ND= Not Detected. Date Sampled= Date and time sample was collected from client. Date Collected= Date and time sample was received at the laboratory. Date Received= Date and time sample entered the laboratory workflow.

Results based on simple acceptance, not taking into consideration measuremental uncertainty.

If sampled by Keystone State Testing, sampling followed SOP-P-NY500 at the client facility listed above.



1809 Vestal Pkwy E Vestal, NY 13850 (607)301-0884 InfoNY@KeystoneStateTesting.com

www.KeystoneStateTesting.com Permit #: OCM-CPL-00007

Keystone State Testing of New York

Keeg N Gueld



Sample #: 11290

Final



Preferred Znacks

esticides by LCMSMS	Pass	;	Analysis Date: 02/20/2025 4:22 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	

LOQ= Level of Quantitation. ND= Not Detected. Date Sampled= Date and time sample was collected from client. Date Collected= Date and time sample was received at the laboratory. Date Received= Date and time sample entered the laboratory workflow.

Results based on simple acceptance, not taking into consideration measuremental uncertainty.

If sampled by Keystone State Testing, sampling followed SOP-P-NY500 at the client facility listed above.



Keystone State Testing of New York 1809 Vestal Pkwy E Vestal, NY 13850 (607)301-0884 InfoNY@KeystoneStateTesting.com

www.KeystoneStateTesting.com Permit #: OCM-CPL-00007 Keely N Geeld Dr. Kelly Greenland, Lab Director



Sample #: 11290

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Preferred Znacks

sticides by LCMSMS	Pass	;	Analysis Date: 02/20/2025 4:22 p	
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
mment: Pesticides tested by LCMSMS by using P-NY15	0. Unless otherwise stated, all QC passed			

LOQ= Level of Quantitation. ND= Not Detected. Date Sampled= Date and time sample was collected from client. Date Collected= Date and time sample was received at the laboratory. Date Received= Date and time sample entered the laboratory workflow.

Results based on simple acceptance, not taking into consideration measuremental uncertainty.

If sampled by Keystone State Testing, sampling followed SOP-P-NY500 at the client facility listed above.



Keystone State Testing of New York 1809 Vestal Pkwy E Vestal, NY 13850

(607)301-0884 InfoNY@KeystoneStateTesting.com www.KeystoneStateTesting.com Permit #: OCM-CPL-00007 Keer, N. Guela Dr. Kelly Greenland, Lab Director



Sample #: 11290

Final



Preferred Znacks

	5	Analysis Date: 02/20/2025 4:07 pm		
LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status	
0.0050	0.020	ND	Pass	
0.0050	0.020	ND	Pass	
0.0050	0.020	ND	Pass	
0.0050	0.020	ND	Pass	
0.0050	0.020	ND	Pass	
0.0050	0.020	ND	Pass	
	0.0050 0.0050 0.0050 0.0050 0.0050	0.0050 0.020 0.0050 0.020 0.0050 0.020 0.0050 0.020 0.0050 0.020 0.0050 0.020 0.0050 0.020 0.0050 0.020 0.0050 0.020 0.0050 0.020	ND 0.0050 0.020 ND	

avy Metals by ICPMS	Pass	5	Analysis Date: 02/18/2025 11:24		
Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status	
Antimony	0.0100	2.00	ND	Pass	
Arsenic	0.00100	0.200	0.0296	Pass	
Cadmium	0.00150	0.200	ND	Pass	
Chromium	0.280	110	ND	Pass	
Copper	0.0750	30.0	9.59	Pass	
Lead	0.00250	0.500	ND	Pass	
Mercury	0.000500	0.100	0.00481	Pass	
Nickel	0.0100	5.00	ND	Pass	
nment: Heavy Metal contamination tested by ICPMS us	ing P-NY140. Unless otherwise stated, all	QC passed.			

Micro by Petri & qPCR	Pass		Petri & qPCR Pass Ana		Analysis Date	: 02/18/2025 6:03 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		

LOQ= Level of Quantitation. ND= Not Detected. Date Sampled= Date and time sample was collected from client. Date Collected= Date and time sample was received at the laboratory. Date Received= Date and time sample entered the laboratory workflow.

Results based on simple acceptance, not taking into consideration measuremental uncertainty.

If sampled by Keystone State Testing, sampling followed SOP-P-NY500 at the client facility listed above.



Keystone State Testing of New York 1809 Vestal Pkwy E Vestal, NY 13850

(607)301-0884 InfoNY@KeystoneStateTesting.com www.KeystoneStateTesting.com Permit #: OCM-CPL-00007

Kelly N Guela Dr. Kelly Greenland, Lab Director



Micro by Petri & qPCR

License #: OCM-PROC-24-000062

Sample #: 11290

Final



Preferred Znacks

Pass		Analysis Date: 02/18/2025 6:03 pm		
[;] U/g)	Limits (CFU/g)	Result (CFU/g)	Status	

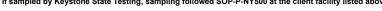
Compound	LOQ (CFU/g)	Limits (CFU/g)	Result (CFU/g)	Status
Salmonella Qualitative	1	0	Not Detected	Pass
Shiga Toxin-Producing E. coli Qualitative	1	0	Not Detected	Pass
Total Aerobic Bacteria	10		<loq< td=""><td>Pass</td></loq<>	Pass
Total Yeast & Mold	10		1000	Pass
omment: Microbial contamination tested by Petrifilm plates and	qPCR using P-NY120. Unless other	vise 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.

LOQ= Level of Quantitation. ND= Not Detected. Date Sampled= Date and time sample was collected from client. Date Collected= Date and time sample was received at the laboratory. Date Received= Date and time sample entered the laboratory workflow.

Results based on simple acceptance, not taking into consideration measuremental uncertainty. If sampled by Keystone State Testing, sampling followed SOP-P-NY500 at the client facility listed above.





Keystone State Testing of New York 1809 Vestal Pkwy E

Vestal, NY 13850 (607)301-0884 InfoNY@KeystoneStateTesting.com www.KeystoneStateTesting.com Permit #: OCM-CPL-00007

Kelly N Guela Dr. Kelly Greenland, Lab Director

