

**NG Growers inc**

1543 Union Center Maine Hwy  
 ellen@naticokegardens.com  
 607-754-5008  
 License #: OCM-AUCC-22-000079

**Certificate of Analysis**

Final

Date Released: 6/15/2023 11:35:45AM












Report #: 1908

**Pineapple Runtz**

Sample #: 1500, Weight: 10.00g, Unit Count:  
 Order #: X230609-0001

Category/Type: Plant, Preroll  
 Date Collected: 6/9/2023 1:31:18PM  
 Date Received: 6/9/2023 1:39:37PM  
 Regulator Sample ID: 070206PR  
 Regulator Source Package ID: 070206PR  
 Regulator Batch ID: PA0419

Size: 10160Units, Unit Count:

 Total Cannabinoids 24.1 % 241 mg/g	 Total THC 20.5 % 205 mg/g	 Total CBD 0.0903 % 0.903 mg/g	 Total Terpenes 2.6 %	 Moisture 9.7 %	 Heavy Metals PASS
 Microbials PASS	 Pesticides PASS	 Mycotoxins PASS	 Foreign Matter PASS	 Water Activity PASS	

**Potency Analysis by HPLC**

Total Cannabinoids: **24.1 % - 241 mg/g**  
 Total THC: **20.5 % - 205 mg/g**  
 Total CBD: **0.0903 % - 0.903 mg/g**

Date Completed: 06/12/2023 10:31AM

Compound	CAS#	LOQ (%)	%	mg/g	Relative Concentration
THCa	23978-85-0	0.001	22.8	228	<div style="width: 22.8%;"></div>
d9-THC	1972-08-3	0.001	0.553	5.53	<div style="width: 0.553%;"></div>
CBGa	25555-57-1	0.001	0.461	4.61	<div style="width: 0.461%;"></div>
CBG	25654-31-3	0.001	0.213	2.13	<div style="width: 0.213%;"></div>
CBDA	1244-58-2	0.001	0.103	1.03	<div style="width: 0.103%;"></div>
CBDV	24274-48-4	0.001	0.0198	0.198	<div style="width: 0.0198%;"></div>
d8-THC	5957-75-5	0.001	ND	ND	
d10-THC	95543-62-7	0.001	ND	ND	
THCV	31262-37-0	0.001	ND	ND	
CBD	13956-29-1	0.001	ND	ND	
CBC	20675-51-8	0.001	ND	ND	
CBN	521-35-7	0.001	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.

d8-THC is an abbreviation for delta-8 tetrahydrocannabinol. d9-THC is an abbreviation for delta-9 tetrahydrocannabinol.

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



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 1809 Vestal Pkwy E  
 Vestal, NY 13850  
 (607)301-0884  
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**Sample #: 1500**

**Pineapple Runtz**

**Terpenes by HS-GC-MS**

Date Completed: 06/13/2023 1:29PM



Compound	CAS#	LOQ (%)	%	Relative Concentration
trans-Caryophyllene	87-44-5	0.10	0.93	
alpha-Farnesene	502-61-4	0.10	0.51	
R(+)-Limonene	5989-27-5	0.10	0.34	
alpha-Humulene	6753-98-6	0.10	0.28	
Valencene	4630-07-3	0.10	0.25	
beta-Myrcene	123-35-3	0.10	0.17	
beta-Farnesene	18794-84-8	0.10	0.16	
(-)-Borneol	464-45-9	0.10	ND	
(-)-Caryophyllene Oxide	1139-30-6	0.10	ND	
(-)-Isopulegol	89-79-2	0.10	ND	
(+)-Borneol	464-43-7	0.10	ND	
(+)-Cedrol	77-53-2	0.10	ND	
(1R)-(+)-Camphor	464-49-3	0.10	ND	
3-Carene	13466-78-9	0.10	ND	
alpha-Bisabolol	515-69-5	0.10	ND	
alpha-Cedrene	469-61-4	0.10	ND	
alpha-Pinene	80-56-8	0.10	ND	
alpha-Terpinene	99-86-5	0.10	ND	
alpha-Terpineol	98-55-5	0.10	ND	
beta-Pinene	127-91-3	0.10	ND	
Camphene	79-92-5	0.10	ND	
cis-Nerolidol	142-50-7	0.10	ND	

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**Sample #: 1500**

**Pineapple Runtz**

Compound	CAS#	LOQ (%)	%	Relative Concentration
cis-Ocimene	3338-55-4	0.10	ND	
Endo-Fenchyl Alcohol	14575-74-7	0.10	ND	
Eucalyptol	470-82-6	0.10	ND	
Fenchone	1195-79-5	0.10	ND	
gamma-Terpinene	99-85-4	0.10	ND	
gamma-Terpineol	586-81-2	0.10	ND	
Geraniol	106-24-1	0.10	ND	
Geranyl Acetate	105-87-3	0.10	ND	
Guaiol	489-86-1	0.10	ND	
Hexahydro Thymol	15356-70-4	0.10	ND	
Linalool	78-70-6	0.10	ND	
Nerol	106-25-2	0.10	ND	
p-Mentha-1,5-diene	99-83-2	0.10	ND	
Pulegone	89-82-7	0.10	ND	
Sabinene	3387-41-5	0.10	ND	
Sabinene Hydrate	546-79-2	0.10	ND	
Terpinolene	586-62-9	0.10	ND	
trans-Nerolidol	40716-66-3	0.10	ND	
trans-Ocimene	3779-61-1	0.10	ND	

**Test Comment:** Terpenes tested by GCMS using P-NY210. Unless otherwise stated, all QC passed.

**Foreign Matter by Microscopy**

**Pass**

Analysis Date: 06/14/2023 10:19 am

Compound	LOQ (%)	Limits (%)	Result (%)	Status
% Foreign Matter	0.001	2.0	ND	Pass
Mammalian Excreta	0.001	0.03	ND	Pass
Stems	0.001	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.

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**Sample #: 1500**

**Pineapple Runtz**

**Moisture by Analyzer**

**Pass**

Analysis Date: 06/12/2023 10:31 am

Compound	LOQ (%)	Limits (%)	Result (%)	Status
Moisture	1.2	5 - 15	9.7	Pass

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

**Water Activity by Meter**

**Pass**

Analysis Date: 06/12/2023 10:31 am

Compound	LOQ (Aw)	Limits (Aw)	Result (Aw)	Status
Water Activity	0.05	0.65	0.51	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: 06/15/2023 9:41 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Abamectin	0.0100	0.5	ND	Pass
Acephate	0.0100	0.4	ND	Pass
Acequinocyl	0.0100	2	ND	Pass
Acetamiprid	0.0100	0.2	ND	Pass
Aldicarb	0.0100	0.4	ND	Pass
Azadirachtin	0.0100	1	ND	Pass
Azoxystrobin	0.0100	0.2	ND	Pass
Bifenazate	0.0100	0.2	ND	Pass
Bifenthrin	0.0100	0.2	ND	Pass
Boscalid	0.0100	0.4	ND	Pass
Carbaryl	0.0100	0.2	ND	Pass
Carbofuran	0.0100	0.2	ND	Pass
Chlorantraniliprole	0.0100	0.2	ND	Pass
Clofentezine	0.0100	0.2	ND	Pass
Coumaphos	0.0100	1	ND	Pass
Cyfluthrin	0.0100	1	ND	Pass

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**Pineapple Runtz**

**Pesticides by LCMSMS**

**Pass**

**Analysis Date: 06/15/2023 9:41 am**

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Cypermethrin	0.0100	1	ND	Pass
Daminozide	0.0100	1	ND	Pass
Diazinon	0.0100	0.2	ND	Pass
Dichlorvos	0.0100	1	ND	Pass
Dimethoate	0.0100	0.2	ND	Pass
Dimethomorph	0.0100	1	ND	Pass
Ethoprophos	0.0100	0.2	ND	Pass
Etofenprox	0.0100	0.4	ND	Pass
Etoxazole	0.0100	0.2	ND	Pass
Fenhexamid	0.0100	1	ND	Pass
Fenoxycarb	0.0100	0.2	ND	Pass
Fenpyroximate	0.0100	0.4	ND	Pass
Fipronil	0.0100	0.4	ND	Pass
Fonicamid	0.0100	1	ND	Pass
Fludioxonil	0.0100	0.4	ND	Pass
Hexythiazox	0.0100	1	ND	Pass
Imazalil	0.0100	0.2	ND	Pass
Imidacloprid	0.0100	0.4	ND	Pass
Indolebutyric Acid	0.0100	1	ND	Pass
Kresoxim-methyl	0.0100	0.4	ND	Pass
Malathion	0.0100	0.2	ND	Pass
Metalaxyl	0.0100	0.2	ND	Pass
Methiocarb	0.0100	0.2	ND	Pass
Methomyl	0.0100	0.4	ND	Pass
Mevinphos	0.0100	1	ND	Pass
Myclobutanil	0.0100	0.2	ND	Pass

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**Sample #: 1500**

**Pineapple Runtz**

**Pesticides by LCMSMS**

**Pass**

**Analysis Date: 06/15/2023 9:41 am**

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Naled	0.0100	0.5	ND	Pass
Oxamyl	0.0100	1	ND	Pass
Paclobutrazol	0.0100	0.4	ND	Pass
Permethrins, Total	0.0100	0.2	ND	Pass
Phosmet	0.0100	0.2	ND	Pass
Piperonyl Butoxide	0.0100	2	ND	Pass
Prallethrin	0.0100	0.2	ND	Pass
Propiconazole	0.0100	0.4	ND	Pass
Propoxur	0.0100	0.2	ND	Pass
Pyrethrins Total	0.0100	1	ND	Pass
Pyridaben	0.0100	0.2	ND	Pass
Spinetoram Total	0.0100	1	ND	Pass
Spinosad Total	0.0100	0.2	ND	Pass
Spiromesifen	0.0100	0.2	ND	Pass
Spirotetramat	0.0100	0.2	ND	Pass
Spiroxamine	0.0100	0.2	ND	Pass
Tebuconazole	0.0100	0.4	ND	Pass
Thiacloprid	0.0100	0.2	ND	Pass
Thiamethoxam	0.0100	0.2	ND	Pass
Trifloxystrobin	0.0100	0.2	ND	Pass

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

**Mycotoxins by LCMSMS**

**Pass**

**Analysis Date: 06/15/2023 9:41 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

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**Sample #: 1500**

**Pineapple Runtz**

**Mycotoxins by LCMSMS**

**Pass**

Analysis Date: 06/15/2023 9:41 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
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: 06/14/2023 10:07 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Antimony	0.01	2	ND	Pass
Arsenic	0.001	0.2	ND	Pass
Cadmium	0.0015	0.3	0.023	Pass
Chromium	0.28	110	ND	Pass
Copper	0.075	30	5.3	Pass
Lead	0.0025	0.5	0.14	Pass
Mercury	0.0005	0.1	ND	Pass
Nickel	0.01	2	ND	Pass

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

**Micro by Petri & qPCR**

**Pass**

Analysis Date: 06/14/2023 10:56 am

Compound	LOQ (CFU/g)	Limits (CFU/g)	Result (CFU/g)	Status
Aspergillus flavus Qualitative	0	0	Not Detected	Pass
Aspergillus fumigatus Qualitative	0	0	Not Detected	Pass
Aspergillus niger Qualitative	0	0	Not Detected	Pass
Aspergillus terreus Qualitative	0	0	Not Detected	Pass
Salmonella Qualitative	0	0	Not Detected	Pass
Shiga Toxin-Producing E. coli Qualitative	0	0	Not Detected	Pass

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**Sample #: 1500****Pineapple Runtz****Micro by Petri & qPCR****Pass****Analysis Date:** 06/14/2023 10:56 am

Compound	LOQ (CFU/g)	Limits (CFU/g)	Result (CFU/g)	Status
Total Aerobic Bacteria	10		ND	Pass
Total Yeast & Mold	10		5000	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".

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Final



Date Released: 10/11/2023 5:19:13PM

Report #: 3340

**Pineapple Runtz Preroll 070206PR**

Sample #: 2667, Weight: 10.00g, Unit Count:

Order #: X231005-0003

Category/Type: Plant, Preroll

Date Collected: 10/5/2023 7:15:01PM

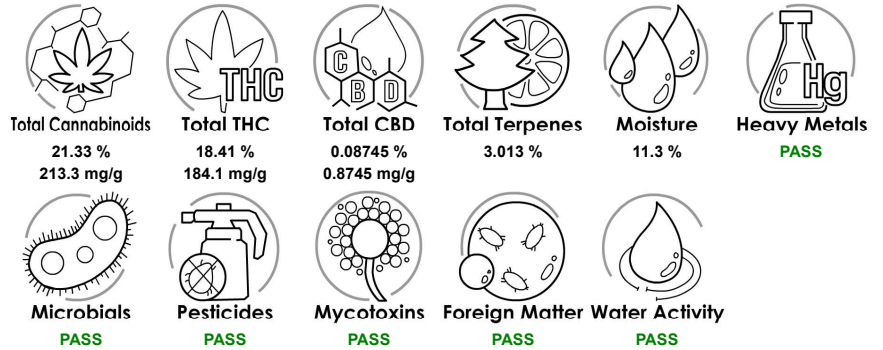
Date Received: 10/6/2023 3:55:13PM

Regulator Sample ID: 070206PR

Regulator Source Package ID: 070206PR

Regulator Batch ID: 070206PR

Size: 10000Units, Unit Count:



**Potency Analysis by HPLC**

Total Cannabinoids: **21.33 % - 213.3 mg/g**  
Total THC: **18.41 % - 184.1 mg/g**  
Total CBD: **0.08745 % - 0.8745 mg/g**

Date Completed: 10/09/2023 10:34AM

Compound	CAS#	LOQ (%)	%	mg/g	Relative Concentration
THCa	23978-85-0	0.001000	18.38	183.8	[Bar]
d9-THC	1972-08-3	0.001000	2.290	22.90	[Bar]
CBGa	25555-57-1	0.001000	0.3252	3.252	[Bar]
CBG	25654-31-3	0.001000	0.1940	1.940	[Bar]
CBDa	1244-58-2	0.001000	0.09971	0.9971	[Bar]
CBDV	24274-48-4	0.001000	0.02381	0.2381	[Bar]
CBN	521-35-7	0.001000	0.01931	0.1931	[Bar]
d8-THC	5957-75-5	0.001000	ND	ND	[Bar]
d10-THC	95543-62-7	0.001000	ND	ND	[Bar]
THCV	31262-37-0	0.001000	ND	ND	[Bar]
CBD	13956-29-1	0.001000	ND	ND	[Bar]
CBC	20675-51-8	0.001000	ND	ND	[Bar]

**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.

d8-THC is an abbreviation for delta-8 tetrahydrocannabinol. d9-THC is an abbreviation for delta-9 tetrahydrocannabinol.

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Final



**Sample #: 2667**

**Pineapple Runtz Preroll 070206PR**

**Terpenes by HS-GC-MS**

Date Completed: 10/11/2023 11:38AM



Compound	CAS#	LOQ (%)	%	Relative Concentration
trans-Caryophyllene	87-44-5	0.1000	1.198	[Bar]
alpha-Humulene	6753-98-6	0.1000	0.4005	[Bar]
Valencene	4630-07-3	0.1000	0.3996	[Bar]
alpha-Farnesene	502-61-4	0.1000	0.2959	[Bar]
R(+)-Limonene	5989-27-5	0.1000	0.2665	[Bar]
beta-Farnesene	18794-84-8	0.1000	0.1983	[Bar]
Linalool	78-70-6	0.1000	0.1419	[Bar]
beta-Myrcene	123-35-3	0.1000	0.1126	[Bar]

Results based on dry weight

(-)-Borneol	464-45-9	0.1000	ND
(-)-Caryophyllene Oxide	1139-30-6	0.1000	ND
(-)-Isopulegol	89-79-2	0.1000	ND
(+)-Borneol	464-43-7	0.1000	ND
(+)-Cedrol	77-53-2	0.1000	ND
(1R)-(+)-Camphor	464-49-3	0.1000	ND
3-Carene	13466-78-9	0.1000	ND
alpha-Bisabolol	515-69-5	0.1000	ND
alpha-Cedrene	469-61-4	0.1000	ND
alpha-Pinene	80-56-8	0.1000	ND
alpha-Terpinene	99-86-5	0.1000	ND
alpha-Terpineol	98-55-5	0.1000	ND
beta-Pinene	127-91-3	0.1000	ND

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**Sample #: 2667****Pineapple Runtz Preroll 070206PR**

Compound	CAS#	LOQ (%)	%	Relative Concentration
Camphene	79-92-5	0.1000	ND	
cis-Nerolidol	142-50-7	0.1000	ND	
cis-Ocimene	3338-55-4	0.1000	ND	
Endo-Fenchyl Alcohol	14575-74-7	0.1000	ND	
Eucalyptol	470-82-6	0.1000	ND	
Fenchone	1195-79-5	0.1000	ND	
gamma-Terpinene	99-85-4	0.1000	ND	
gamma-Terpineol	586-81-2	0.1000	ND	
Geraniol	106-24-1	0.1000	ND	
Geranyl Acetate	105-87-3	0.1000	ND	
Guaiol	489-86-1	0.1000	ND	
Hexahydro Thymol	15356-70-4	0.1000	ND	
Nerol	106-25-2	0.1000	ND	
p-Mentha-1,5-diene	99-83-2	0.1000	ND	
Pulegone	89-82-7	0.1000	ND	
Sabinene	3387-41-5	0.1000	ND	
Sabinene Hydrate	546-79-2	0.1000	ND	
Terpinolene	586-62-9	0.1000	ND	
trans-Nerolidol	40716-66-3	0.1000	ND	
trans-Ocimene	3779-61-1	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: 10/09/2023 10:19 am

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

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Dr. Kelly Greenland, Lab Director



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**Certificate of Analysis**

Final

**Sample #: 2667****Pineapple Runtz Preroll 070206PR**

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

**Moisture by Analyzer****Pass**

Analysis Date: 10/09/2023 10:19 am

Compound	LOQ (%)	Limits (%)	Result (%)	Status
Moisture	1.2	5 - 15	11.3	Pass

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

**Water Activity by Meter****Pass**

Analysis Date: 10/11/2023 4:21 pm

Compound	LOQ (Aw)	Limits (Aw)	Result (Aw)	Status
Water Activity	0.05	0.65	0.58	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: 10/11/2023 4:09 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Abamectin	0.0100	0.5	ND	Pass
Acephate	0.0100	0.4	ND	Pass
Acequinocyl	0.0100	2	ND	Pass
Acetamiprid	0.0100	0.2	ND	Pass
Aldicarb	0.0100	0.4	ND	Pass
Azadirachtin	0.0100	1	ND	Pass
Azoxystrobin	0.0100	0.2	ND	Pass
Bifenazate	0.0100	0.2	ND	Pass
Bifenthrin	0.0100	0.2	ND	Pass
Boscalid	0.0100	0.4	ND	Pass
Captan	0.0100	1	ND	Pass
Carbaryl	0.0100	0.2	ND	Pass
Carbofuran	0.0100	0.2	ND	Pass
Chlorantraniliprole	0.0100	0.2	ND	Pass
Chlordane-alpha	0.0100	1	ND	Pass

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Final

**Sample #: 2667****Pineapple Runtz Preroll 070206PR****Pesticides by LCMSMS****Pass**

Analysis Date: 10/11/2023 4:09 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Chlorfenapyr	0.0100	1	ND	Pass
Chlormequat Chloride	0.0100	1	ND	Pass
Chlorpyrifos	0.0100	0.2	ND	Pass
Clofentezine	0.0100	0.2	ND	Pass
Coumaphos	0.0100	1	ND	Pass
Cyfluthrin	0.0100	1	ND	Pass
Cypermethrin	0.0100	1	ND	Pass
Daminozide	0.0100	1	ND	Pass
Diazinon	0.0100	0.2	ND	Pass
Dichlorvos	0.0100	1	ND	Pass
Dimethoate	0.0100	0.2	ND	Pass
Dimethomorph	0.0100	1	ND	Pass
Ethoprophos	0.0100	0.2	ND	Pass
Etofenprox	0.0100	0.4	ND	Pass
Etoxazole	0.0100	0.2	ND	Pass
Fenhexamid	0.0100	1	ND	Pass
Fenoxycarb	0.0100	0.2	ND	Pass
Fenpyroximate	0.0100	0.4	ND	Pass
Fipronil	0.0100	0.4	ND	Pass
Fonicamid	0.0100	1	ND	Pass
Fludioxonil	0.0100	0.4	ND	Pass
Hexythiazox	0.0100	1	ND	Pass
Imazalil	0.0100	0.2	ND	Pass
Imidacloprid	0.0100	0.4	ND	Pass
Indolebutyric Acid	0.0100	1	ND	Pass
Kresoxim-methyl	0.0100	0.4	ND	Pass

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Final

**Sample #: 2667****Pineapple Runtz Preroll 070206PR****Pesticides by LCMSMS****Pass**

Analysis Date: 10/11/2023 4:09 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Malathion	0.0100	0.2	ND	Pass
Metalaxyl	0.0100	0.2	ND	Pass
Methiocarb	0.0100	0.2	ND	Pass
Methomyl	0.0100	0.4	ND	Pass
Methyl Parathion	0.0100	0.2	ND	Pass
Mevinphos	0.0100	1	ND	Pass
MGK-264	0.0100	0.2	ND	Pass
Myclobutanil	0.0100	0.2	ND	Pass
Naled	0.0100	0.5	ND	Pass
Oxamyl	0.0100	1	ND	Pass
Paclobutrazol	0.0100	0.4	ND	Pass
Pentachloronitrobenzene	0.0100	1	ND	Pass
Permethrins, Total	0.0100	0.2	ND	Pass
Phosmet	0.0100	0.2	ND	Pass
Piperonyl Butoxide	0.0100	2	ND	Pass
Prallethrin	0.0100	0.2	ND	Pass
Propiconazole	0.0100	0.4	ND	Pass
Propoxur	0.0100	0.2	ND	Pass
Pyrethrins Total	0.0100	1	ND	Pass
Pyridaben	0.0100	0.2	ND	Pass
Spinetoram Total	0.0100	1	ND	Pass
Spinosad Total	0.0100	0.2	ND	Pass
Spiromesifen	0.0100	0.2	ND	Pass
Spirotetramat	0.0100	0.2	ND	Pass
Spiroxamine	0.0100	0.2	ND	Pass
Tebuconazole	0.0100	0.4	ND	Pass

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Final

**Sample #: 2667****Pineapple Runtz Preroll 070206PR****Pesticides by LCMSMS****Pass**

Analysis Date: 10/11/2023 4:09 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Thiacloprid	0.0100	0.2	ND	Pass
Thiamethoxam	0.0100	0.2	ND	Pass
Trifloxystrobin	0.0100	0.2	ND	Pass

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

**Mycotoxins by LCMSMS****Pass**

Analysis Date: 10/11/2023 4:09 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: 10/09/2023 12:22 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Antimony	0.0100	2	ND	Pass
Arsenic	0.00100	0.2	ND	Pass
Cadmium	0.00150	0.3	0.0203	Pass
Chromium	0.280	110	ND	Pass
Copper	0.0750	30	4.26	Pass
Lead	0.00250	0.5	ND	Pass
Mercury	0.000500	0.1	ND	Pass
Nickel	0.0100	2	ND	Pass

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

This product has been tested by KST using valid testing methodologies and a quality management system required by law. Values reported relate only to the product tested. KST makes no claim as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compound reported herein.

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Final



**Sample #: 2667**

**Pineapple Runtz Preroll 070206PR**

**Micro by Petri & qPCR**

**Pass**

Analysis Date: 10/11/2023 9:36 am

Compound	LOQ (CFU/g)	Limits (CFU/g)	Result (CFU/g)	Status
Aspergillus flavus Qualitative	0	0	Not Detected	Pass
Aspergillus fumigatus Qualitative	0	0	Not Detected	Pass
Aspergillus niger Qualitative	0	0	Not Detected	Pass
Aspergillus terreus Qualitative	0	0	Not Detected	Pass
Salmonella Qualitative	0	0	Not Detected	Pass
Shiga Toxin-Producing E. coli Qualitative	0	0	Not Detected	Pass
Total Aerobic Bacteria	10		2000	Pass
Total Yeast & Mold	10		13000	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".

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