



Peter Shafer c/o NG Growers Inc. dba Nanticoke Gardens; Nanticoke Hemp Inc.
 Address: 1543 Union Center Maine Highway, Endicott, NY 13760
 Contact Name: Ellen Tiberi
 Contact Phone: 781-413-5752
 License #: OCM-AUCC-22-000079/OCM-AUCP-22-000035
 Sample ID: 5366-1



Phyto-Farma Labs
 a Smithers company

CERTIFICATE OF ANALYSIS
 Permit #: OCM-CPL-00004

Certificate: 5430.1

Gelato 1g Vape

Lot #: 215-001
 Sample ID: 5366-1
 Regulatory Category: Adult Use
 Received: 07/10/2024
 Sampling Location: 1543 Union Center
 Maine Highway Endicott, NY 13760

Lot Size: 10000
 Sample Type: Concentrate
 Amount Received: 14
 Sample Collected: 07/09/2024 02:00 PM
 Published: 07/16/2024



COMPLIANCE FOR RETAIL

Cannabinoid Profile Not Tested	Terpenes Total Not Tested	Residual Solvents Not Tested	Pass Sample Status
Pesticides Not Tested	Mycotoxins Not Tested	Water Activity Not Tested	NT Total THC
Trace Metals Pass	Microbial Contaminants Not Tested	Moisture Analysis Not Tested	NT Total CBD
	Filth & Foreign Not Tested		NT Total Cannabinoids

Report Notes: N/A

Alicia Caruso-Thomas
 Laboratory Director

07/16/2024
Alicia Caruso-Thomas

Phyto-Farma Labs
 49 John Hicks Drive
 Warwick, NY 10990
 (845) 988-0937



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Trace Metals

Pass

Sample Analysis

Date: 07/12/2024 12:18 PM

SOP: NY.SOPT.40.050

Analyzed By: ICP-MS

Sample Weight: 0.1264 g

Analyst: Moni Kaneti

Analyte	LOQ (µg/g)	Action Limit (µg/g)	Results (µg/g)	Pass/Fail
Antimony (Sb)*	0.130	2.00	<LOQ	PASS
Arsenic (As)*	0.0700	0.200	<LOQ	PASS
Cadmium (Cd)*	0.0600	0.300	<LOQ	PASS
Chromium (Cr)*	0.360	110	<LOQ	PASS
Copper (Cu)*	0.390	30.0	<LOQ	PASS
Lead (Pb)*	0.0800	0.500	<LOQ	PASS
Mercury (Hg)*	0.0100	0.100	<LOQ	PASS
Nickel (Ni)*	0.110	2.00	<LOQ	PASS

* Analyte is not included in ISO 17025 scope of accreditation

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07/16/2024

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PJLA
 Testing
 Accreditation #: 121747

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Gelato 1g Vape

Lot #: 215-001 Lot Size: 10000
 Sample ID: 5366 Sample Type: Concentrate
 Regulatory Category: Adult Use Amount Received: 14
 Received: 07/10/2024 Sample Collected: 07/09/2024 02:00 PM
 Sampling Location: 1543 Union Center Published: 07/16/2024
 Maine Highway Endicott, NY 13760



COMPLIANCE FOR RETAIL

Cannabinoid Profile Pass	Terpenes Total Pass	Residual Solvents Pass	Pass Sample Status	
Pesticides Pass	Mycotoxins Pass	Water Activity Not Tested		85.2% Total THC
Trace Metals Pass	Microbial Contaminants Pass	Moisture Analysis Not Tested		0.0841% Total CBD
	Filth & Foreign Not Tested			91.4 % Total Cannabinoids

Report Notes: N/A

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Average Cannabinoid Profile

Pass

Sample Analysis

Date: 07/12/2024 11:03 AM

SOP: NY.SOPT.40.260

Analyzed By: HPLC

Sample Weight: N/A

Analyst: Stephanie Knapp

Analyte	LOQ (%)	Average % (w/w)	mg/serving	Homogeneity [†]
Total Tetrahydrocannabinol (THC)	-	85.2	852	
Tetrahydrocannabinolic acid (THCA)	0.500	2.69	26.9	
Δ8-THC	0.500	<LOQ	<LOQ	
Δ9-THC	0.500	82.8	828	
Δ10-THC-RS	0.500	<LOQ	<LOQ	
Δ10-THC-RR	0.500	<LOQ	<LOQ	
Total Cannabidiol (CBD)	-	0.0841	0.841	
Cannabinadiolic acid (CBDA)	0.500	<LOQ	<LOQ	
Cannabidiol (CBD)	0.500	0.0841	0.841	
Total Active Tetrahydrocannabivarin (THCV)	-	0.735	7.35	
Tetrahydrocannabivarinic acid (THCVA)*	0.500	0.111	1.11	
Tetrahydrocannabivarin (THCV)	0.500	0.639	6.39	
Total Active Cannabigerol (CBG)	-	2.61	26.1	
Cannabigerolic acid (CBGA)	0.500	0.268	2.68	
Cannabigerol (CBG)	0.500	2.37	23.7	
Cannabidivarin (CBDV)	0.500	<LOQ	<LOQ	
Cannabinol (CBN)	0.500	1.46	14.6	
Cannabichromene (CBC)	0.500	1.28	12.8	

Cannabinoid Totals	Actual % (w/w)	mg/serving	Homogeneity [†]
Total Cannabinoids	91.4	914	

* Analyte is not included in ISO 17025 scope of accreditation

† Concentration of individual samples must be ±25% of the mean concentration

Total Active CBD = CBD + (0.877 x CBDA); Total Active CBG = CBG + (0.878 x CBGA);

Total Active THC = (Δ9THC + Δ8THC + Δ10THC-RS + Δ10THC-RR) + (0.877 x THCA);

Total Active THCV = THCV + (0.867 x THCVA);

Serving Weight: 1g

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Terpene Total

Pass (1.280%)

Sample Analysis

Date: 07/12/2024 01:27 PM

SOP: NY.SOPT.40.090

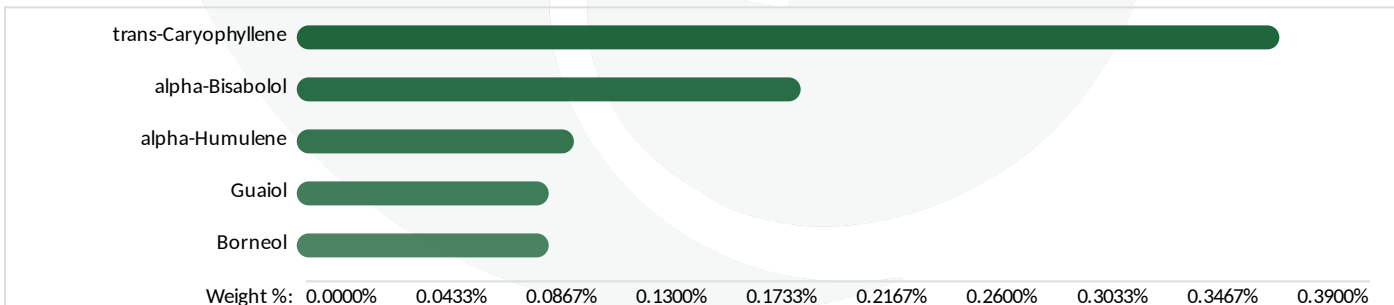
Sample Weight: 0.1822 g

Analyzed By: GC-MS

Analyst: Stephanie Knapp

Analyte	LOQ (%)	Results (%)	Analyte	LOQ (%)	Results (%)
3-Carene	0.0004200	<LOQ	gamma-Terpinene	0.0004400	<LOQ
alpha-Bisabolol	0.0005000	0.2000	gamma-Terpineol	0.0003000	<LOQ
alpha-Humulene	0.0005600	0.1100	Geraniol	0.0004800	<LOQ
alpha-Phellandrene	0.0006600	<LOQ	Geranyl acetate	0.0006200	<LOQ
alpha-Pinene	0.0004800	<LOQ	Guaiol	0.0006000	0.1000
alpha-Terpinene	0.0002600	<LOQ	Isoborneol	0.0003400	0.02000
alpha-Terpineol	0.0003400	0.09000	Isopulegol	0.0006600	<LOQ
beta-Myrcene	0.0006400	<LOQ	Limonene	0.0007400	<LOQ
beta-Pinene	0.0006600	<LOQ	Linalool	0.0004600	0.05000
Borneol	0.0004600	0.1000	Menthol	0.0004600	<LOQ
Camphene	0.0004400	<LOQ	Nerol	0.0005000	<LOQ
Camphor	0.0004000	<LOQ	Pulegone (+)	0.0005600	<LOQ
Caryophyllene oxide	0.0005800	0.08000	Sabinene	0.0003400	<LOQ
Cedrene	0.0004400	<LOQ	Sabinene Hydrate	0.0004200	<LOQ
Cedrol	0.0005600	<LOQ	Terpinolene	0.0005000	<LOQ
cis-Nerolidol	0.0006800	0.02000	trans-b-Ocimene	0.0004200	<LOQ
cis-Ocimene	0.0005200	<LOQ	trans-Caryophyllene	0.0006600	0.3900
Eucalyptol	0.0007200	<LOQ	trans-Nerolidol	0.0007200	0.03000
Farnesene	0.0008400	0.03000	Valencene	0.0005600	0.02000
Fenchone	0.0005000	<LOQ			

Terpene Totals	%	Pass/Fail
Total Terpenes	1.280	PASS



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Trace Metals

Pass

Sample Analysis

Date: 07/12/2024 12:18 PM

SOP: NY.SOPT.40.050

Analyzed By: ICP-MS

Sample Weight: 0.1248 g

Analyst: Moni Kaneti

Analyte	LOQ (µg/g)	Action Limit (µg/g)	Results (µg/g)	Pass/Fail
Antimony (Sb)*	0.130	2.00	<LOQ	PASS
Arsenic (As)*	0.0700	0.200	<LOQ	PASS
Cadmium (Cd)*	0.0600	0.300	<LOQ	PASS
Chromium (Cr)*	0.360	110	<LOQ	PASS
Copper (Cu)*	0.390	30.0	<LOQ	PASS
Lead (Pb)*	0.0800	0.500	<LOQ	PASS
Mercury (Hg)*	0.0100	0.100	<LOQ	PASS
Nickel (Ni)*	0.110	2.00	<LOQ	PASS

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Mycotoxin Analysis

Pass

Sample Analysis

Date: 07/16/2024 09:46 AM

SOP: NY.SOPT.40.180

Analyzed By: LC-MS/MS

Sample Weight: 0.1 g

Analyst: Destiny Ribadeneyra

Analyte	LOQ (µg/g)	Action Limit (µg/g)	Results (µg/g)	Pass/Fail
Sum of Aflatoxins	-	0.020	0	PASS
Aflatoxin B1	0.0010	0.020	<LOQ	PASS
Aflatoxin B2	0.0020	0.020	<LOQ	PASS
Aflatoxin G1	0.0010	0.020	<LOQ	PASS
Aflatoxin G2	0.0020	0.020	<LOQ	PASS
Ochratoxin A	0.0020	0.020	<LOQ	PASS

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Pesticides LC

Pass

Sample Analysis

Date: 07/15/2024 04:54 PM

SOP: NY.SOPT.040.270

Analyzed By: LC-MS/MS

Sample Weight: 1 g

Analyst: Stephanie Knapp

Analyte	LOQ (ppm)	Action Limit (ppm)	Results (ppm)	Pass/Fail	Analyte	LOQ (ppm)	Action Limit (ppm)	Results (ppm)	Pass/Fail
Abamectin*	0.0180	0.500	<LOQ	PASS	Imidacloprid*	0.00800	0.400	<LOQ	PASS
Acephate*	0.00700	0.400	<LOQ	PASS	Indole-3-butyric acid*	0.00700	1.00	<LOQ	PASS
Acequinocyl*	0.0160	2.00	<LOQ	PASS	Kresoxim methyl*	0.0120	0.400	<LOQ	PASS
Acetamiprid*	0.00500	0.200	<LOQ	PASS	Malathion*	0.0110	0.200	<LOQ	PASS
Aldicarb*	0.00500	0.400	<LOQ	PASS	Metalaxyl*	0.0120	0.200	<LOQ	PASS
Azadirachtin*	0.0220	1.00	<LOQ	PASS	Methiocarb*	0.00400	0.200	<LOQ	PASS
Azoxystrobin*	0.00600	0.200	<LOQ	PASS	Methomyl*	0.0120	0.400	<LOQ	PASS
Bifenazate*	0.00600	0.200	<LOQ	PASS	Mevinphos*	0.0190	1.00	<LOQ	PASS
Bifenthrin*	0.00300	0.200	<LOQ	PASS	MGK-264*	0.0110	0.200	<LOQ	PASS
Boscalid*	0.0110	0.400	<LOQ	PASS	Myclobutanil*	0.0130	0.200	<LOQ	PASS
Carbaryl*	0.00600	0.200	<LOQ	PASS	Naled*	0.00500	0.500	<LOQ	PASS
Carbofuran*	0.00500	0.200	<LOQ	PASS	Oxamyl*	0.00800	1.00	<LOQ	PASS
Chlorantraniliprole*	0.00600	0.200	<LOQ	PASS	Paclobutrazol*	0.0150	0.400	<LOQ	PASS
Chloromequat chloride*	0.0190	1.00	<LOQ	PASS	Permethrins, Total*	0.00900	0.200	<LOQ	PASS
Chlorpyrifos*	0.00900	0.200	<LOQ	PASS	Phosmet*	0.00700	0.200	<LOQ	PASS
Clofentezine*	0.0100	0.200	<LOQ	PASS	Piperonyl Butoxide*	0.00600	2.00	<LOQ	PASS
Daminozide*	0.00400	1.00	<LOQ	PASS	Prallethrin*	0.00800	0.200	<LOQ	PASS
Diazinon*	0.00700	0.200	<LOQ	PASS	Propiconazole*	0.00600	0.400	<LOQ	PASS
Dichlorvos*	0.0120	1.00	<LOQ	PASS	Propoxur*	0.00800	0.200	<LOQ	PASS
Dimethoate*	0.00600	0.200	<LOQ	PASS	Pyrethrins*	0.0140	1.00	<LOQ	PASS
Dimethomorph*	0.00500	1.00	<LOQ	PASS	Pyridaben*	0.00600	0.200	<LOQ	PASS
Ethoprophos*	0.0130	0.200	<LOQ	PASS	Spinetoram, Total*	0.00500	1.00	<LOQ	PASS
Etofenprox*	0.00300	0.400	<LOQ	PASS	Spinosad, Total*	0.00600	0.200	<LOQ	PASS
Etoxazole*	0.00500	0.200	<LOQ	PASS	Spiromesifen*	0.0130	0.200	<LOQ	PASS
Fenhexamid*	0.0150	1.00	<LOQ	PASS	Spirotetramat*	0.00600	0.200	<LOQ	PASS
Fenoxycarb*	0.0110	0.200	<LOQ	PASS	Spiroxamine*	0.00400	0.200	<LOQ	PASS
Fenpyroximate*	0.00200	0.400	<LOQ	PASS	Tebuconazole*	0.0120	0.400	<LOQ	PASS
Flonicamid*	0.00700	1.00	<LOQ	PASS	Thiacloprid*	0.00800	0.200	<LOQ	PASS
Fludioxonil*	0.0170	0.400	<LOQ	PASS	Thiamethoxam*	0.00800	0.200	<LOQ	PASS
Hexythiazox*	0.00500	1.00	<LOQ	PASS					

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Certificate: 5366.1

Pesticides GC

Pass

Sample Analysis

Date: 07/16/2024 09:11 AM **SOP:** NYS.SOPT.040.271
Analyzed By: GC-MS/MS **Sample Weight:** N/A
Analyst: Destiny Ribadeneyra

Analyte	LOQ (ppm)	Action Limit (ppm)	Results (ppm)	Pass/Fail
Captan*	0.300	1.00	<LOQ	PASS
Chlordane*	0.0700	1.00	<LOQ	PASS
Chlorfenapyr*	0.100	1.00	<LOQ	PASS
Coumaphos*	0.190	1.00	<LOQ	PASS
Cyfluthrin*	0.110	1.00	<LOQ	PASS
Cypermethrin*	0.240	1.00	<LOQ	PASS
Fipronil*	0.170	0.400	<LOQ	PASS
Imazalil*	0.170	0.200	<LOQ	PASS
Methyl parathion*	0.0900	0.200	<LOQ	PASS
Pentachloronitrobenzene*	0.170	1.00	<LOQ	PASS
Trifloxystrobin*	0.110	0.200	<LOQ	PASS

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Permit #: OCM-CPL-00004

Certificate: 5366.1

Residual Solvents

Pass

Sample Analysis

Date: 07/15/2024 03:39 PM

SOP: NYS.SOPT.040.272

Analyzed By: GC-MS

Sample Weight: 0.1065 g

Analyst: Destiny Ribadeneyra

Analyte	LOQ (ppm)	Action Limit (ppm)	Results (ppm)	Pass/Fail
1,2-Dichloroethane (Ethylene dichloride, Ethylene chloride)	0.100	5.00	<LOQ	PASS
2-Propanol (Isopropanol, Isopropyl alcohol)	125	5000	<LOQ	PASS
Acetone (2-Propanone)	125	5000	<LOQ	PASS
Acetonitrile	23.6	410	<LOQ	PASS
Benzene	0.100	2.00	<LOQ	PASS
Butanes, Total	62.5	5000	<LOQ	PASS
Chloroform	1.50	60.0	<LOQ	PASS
Dichloromethane (Methylene chloride)	15.0	600	<LOQ	PASS
Dimethyl sulfoxide (DMSO)	125	5000	<LOQ	PASS
Ethanol (Ethyl alcohol)	125	5000	<LOQ	PASS
Ethyl acetate (Acetic acid ethyl ester)	125	5000	<LOQ	PASS
Ethyl ether (Diethyl ether, 1,1'-Oxybisethane)	125	5000	<LOQ	PASS
Heptane (n-Heptane)	125	5000	<LOQ	PASS
Hexanes, Total	14.5	290	<LOQ	PASS
Methanol (Methyl alcohol)	75.1	3000	<LOQ	PASS
Pentanes, Total	195	5000	<LOQ	PASS
Propane	63.0	5000	<LOQ	PASS
Toluene (Methylbenzene)	22.3	890	<LOQ	PASS
Trichloroethane (1,1,1-)	37.6	1500	<LOQ	PASS
Tetrafluoroethane (1,1,1,2-) (HFC134a)*	10.0	1000	<LOQ	PASS
Xylenes, Total (ortho-, meta-, para-)	109	2170	<LOQ	PASS

* Analyte is not included in ISO 17025 scope of accreditation

Alicia Caruso-Thomas
 Laboratory Director

07/16/2024
Alicia Caruso-Thomas

Phyto-Farma Labs
 49 John Hicks Drive
 Warwick, NY 10990
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Peter Shafer c/o NG Growers Inc. dba Nanticoke Gardens; Nanticoke Hemp Inc.
 Address: 1543 Union Center Maine Highway, Endicott, NY 13760
 Contact Name: Ellen Tiberi
 Contact Phone: 781-413-5752
 License #: OCM-AUCC-22-000079/OCM-AUCP-22-000035
 Sample ID: 5366



Phyto-Farma Labs
 a Smithers company

CERTIFICATE OF ANALYSIS
 Permit #: OCM-CPL-00004

Certificate: 5366.1

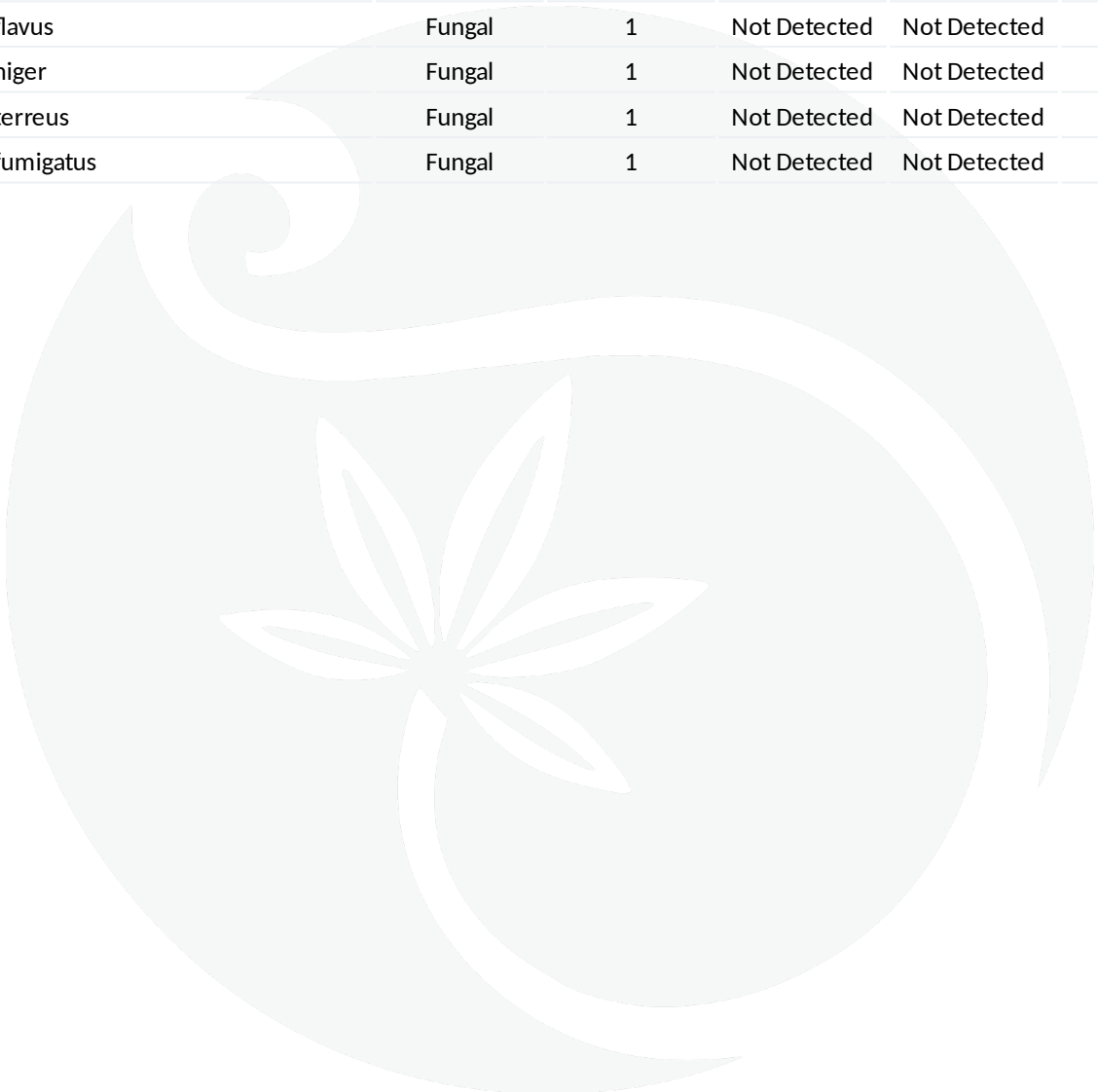
Microbial Impurities - MDG

Pass

Sample Analysis

Date: 07/15/2024 02:54 PM **SOP:** NYS.SOPT.40.273
Analyzed By: PCR
Analyst: Kristy Lee

Analyte	Microbial Type	LOQ (CFU/g)	Allowable Limit	Results	Pass/Fail
Shiga toxin-producing Escherichia coli	Bacterial	1	Not Detected	Not Detected	PASS
Salmonella species	Bacterial	1	Not Detected	Not Detected	PASS
Aspergillus flavus	Fungal	1	Not Detected	Not Detected	PASS
Aspergillus niger	Fungal	1	Not Detected	Not Detected	PASS
Aspergillus terreus	Fungal	1	Not Detected	Not Detected	PASS
Aspergillus fumigatus	Fungal	1	Not Detected	Not Detected	PASS



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CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

Certificate: 5366.1

Microbial Impurities - TAPC

Pass

Sample Analysis

Date: 07/16/2024 12:23 PM

SOP: NYS.SOPT.040.200

Analyzed By: Plating

Analyst: Destiny Ribadeneyra

Analyte	LOQ (CFU/g)	Action Limit (CFU/g)	Results (CFU/g)	Pass/Fail
Total Aerobic Bacteria/CDP-TC	5	10000	<LOQ	PASS

Microbial Impurities - TYMC

Pass

Sample Analysis

Date: 07/16/2024 10:22 AM

SOP: NYS.SOPT.040.200

Analyzed By: Plating

Analyst: Kristy Lee

Analyte	LOQ (CFU/g)	Action Limit (CFU/g)	Results (CFU/g)	Pass/Fail
Total Yeast and Mold	5	1000	<LOQ	PASS
Mold Count	5	1000	<LOQ	PASS
Yeast Count	5	1000	<LOQ	PASS

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07/16/2024

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Laboratory Director

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Accreditation #: 121747

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