



Certificate of Analysis

NYS Cannabis Compliance

Biotrax Testing Laboratory Inc. -
Cannabis
3580 Harlem Road Suite 2,
Cheektowaga, New York
reporting@biotrax.net 7166510146
Lic# OCM-CPL # 00005
PJLA/ISO/IEC 17025 # 73827
DEA #: RB0572671

1 of 2

Plumeria

Order No.: OBTX0714-0001969
2485 Grand Island Blvd
Grand Island, , 14072
jaycarroll12@gmail.com
7168608939
OCM-PROC-24-000131

Laboratory Sample ID: 250714-X

Batch Id: **COO-001**, Batch Size: **4,000**, Units Sampled: **4**,
Sample Size: **49.5 grams**
Sample Collection Site: 2485 Grand Island Blvd, 14072
Date/Time Collected: 07/14/2025 11:00
Date/Time Received: 07/14/2025 11:40
Report Created: 07/21/2025 15:47
Sampling SOP- SOP# 006

Sample Name: Cosmos! Galactic Chocolate
Chip
Ingestible, Cookie



Scan QR Code
to verify COA

Tests Summary



Batch Pass	Cannabinoids Tested	Microbials Pass
Water Activity Pass	Microbials PCR Pass	Terpenes Pass
Pesticides Pass	Heavy Metals Pass	Residual Solvents Pass
Mycotoxins Pass		

Report notes: Report notes: See Report 70633 for Terpenes, Heavy Metals, Residual Solvents, Pesticides and Mycotoxins results.

Cannabinoids

SOP-H001 and SOP-H102

Date/Time Tested: 07/17/25 13:06

Tested

11.465 mg/serving

Total THC

ND

Total CBD

Analyte	LOQ (mg/g)	mg/g	%	mg/serving	Analyte	LOQ (mg/g)	mg/g	%	mg/serving
Δ9-THC	0.001	2.062	0.206	11.467	THCV	0.001	ND	ND	ND
CBG	0.001	0.199	0.02	1.105	CBN	0.001	< LOQ	< LOQ	< LOQ
(6aR,9R)-d10-THC	0.001	ND	ND	ND	CBC	0.001	< LOQ	< LOQ	< LOQ
(6aR,9S)-d10-THC	0.001	ND	ND	ND	THCa	0.001	ND	ND	ND
CBDV	0.001	ND	ND	ND	Δ8-THC	0.001	ND	ND	ND
CBDa	0.001	ND	ND	ND	Total THC		2.062	0.21	11.465
CBGa	0.001	ND	ND	ND	Total CBD		ND	ND	0
CBD	0.001	ND	ND	ND	Total Cannabinoids		2.261	0.23	12.571

Steve Heine

Quality Control Officer

This report must not be reproduced, except in full, without the expressed written approval of the Laboratory's Facility Director(s) or Laboratory Manager.

All flower products are corrected to Dry Weight Basis. ND=Not Detected, LOQ=Limit of Quantitation. This product has been tested by Biotrax Testing Laboratory Inc, using valid testing methodologies and a quality system as required by New York state law. Values reported relate only to the product tested and batched under the batch number identified above. Biotrax Testing Laboratory Inc makes no claims as to the efficacy, safety, or other risks associated with any results reported herein. This Certificate must not be altered, and shall not be reproduced except in full, without the written approval of Biotrax Testing Laboratory Inc.



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Sampling SOP- SOP# 006

Sample Name: Cosmos! Galactic Chocolate
Chip
Ingestible, Cookie



Scan QR Code
to verify COA

Microbials

SOP-0100-0104
Date/Time Tested: 07/14/25 12:41

Pass

Analyte	LOQ (CFU/g)	Limit (CFU/g)	CFU/g	Status
Aerobic Bacteria	100	10,000	100	Passed
Yeast & Mold	100	1,000	<100	Passed

Water Activity

SOP-059
Date/Time Tested: 07/15/25 09:50

Pass

Analyte	Limit (aw)	aw	Status
Water Activity	0.85	0.20255	Passed

Microbials PCR

SOP-065-066
Date/Time Tested: 07/18/25 11:04

Pass

Analyte	LOQ	Limit	Result	Analyte	LOQ	Limit	Result
Aspergillus terreus	1	Absent	Absent	Aspergillus flavus	1	Absent	Absent
Aspergillus niger	1	Absent	Absent	Salmonella	1	Absent	Absent
Aspergillus fumigatus	1	Absent	Absent	Shiga Toxin E. Coli	1	Absent	Absent

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Final



Date Released: 7/21/2025 2:37:05PM

Report #: 70633

250714-X

Sample #: 16665, Weight: 34.60g, Unit Count:

Order #: X250716-0001

Category/Type: Ingestible, Edibles

Date Collected: 7/16/2025 9:33:06AM

Date Received: 7/16/2025 11:13:09AM

Date Sampled: 7/16/2025 11:13:09AM

Regulator Sample ID: 250714-X

Regulator Source Package ID: 250714-X

Regulator Batch ID: 250714-X

Size: Not Provided, Unit Count:



Total Terpenes
0.000 %



Heavy Metals
PASS



Residual Solvents
PASS



Pesticides
PASS



Mycotoxins
PASS

Terpenes by HS-GC-MS

Date Completed: 07/17/2025 4:13PM

Compound	CAS#	LOQ ()	Relative Concentration
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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
Alpha-humulene	6753-98-6	0.1000	ND
Linalool	78-70-6	0.1000	ND
Beta-pinene	127-91-3	0.1000	ND
Terpinolene	586-62-9	0.1000	ND
Ocimene	13877-91-3	0.1000	ND

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

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



Keystone State Testing of New York
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Permit #: OCM-CPL-00007

Kelly Greenland

Dr. Kelly Greenland, Lab Director





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Sample #: 16665

250714-X

Compound	CAS#	LOQ (%)	%	Relative Concentration
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	
Terpineol	8006-39-1	0.1000	ND	
Fenchol	14575-74-7	0.1000	ND	
Valencene	4630-07-3	0.1000	ND	
Alpha-phellandrene	99-83-2	0.1000	ND	
Farnesene	502-61-4	0.1000	ND	

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

Pesticides by LCMSMS

Pass

Analysis Date: 07/21/2025 1:25 pm

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

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Sample #: 16665

250714-X

Pesticides by LCMSMS

Pass

Analysis Date: 07/21/2025 1:25 pm

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

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250714-X

Pesticides by LCMSMS

Pass

Analysis Date: 07/21/2025 1:25 pm

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

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Sample #: 16665

250714-X

Pesticides by LCMSMS

Pass

Analysis Date: 07/21/2025 1:25 pm

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

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

Residual Solvents by HS-GC-MS

Pass

Analysis Date: 07/21/2025 1:26 pm

Compound	LOQ (ppm)	Limits (ppm)	Result (ppm)	Status
1,2-Dichloroethane	0.0500	5.00	ND	Pass
Acetone	50.00	5000	ND	Pass
Acetonitrile	50.00	410	ND	Pass
Benzene	0.5000	2.00	ND	Pass
Butanes Total	25.00	5000	ND	Pass
Chloroform	0.5000	60.0	ND	Pass
Dimethyl Sulfoxide (DMSO)	50.00	5000	ND	Pass
Ethanol	50.00	5000	ND	Pass
Ethyl acetate	50.00	5000	ND	Pass
Ethyl ether	50.00	5000	ND	Pass
Freon	50.00	1000	ND	Pass
Heptane	50.00	5000	ND	Pass
Hexanes Total	10.00	290	ND	Pass
Isopropanol	50.00	5000	ND	Pass
Methanol	50.00	3000	ND	Pass
Methylene chloride	50.00	600	ND	Pass

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250714-X

Residual Solvents by HS-GC-MS

Pass

Analysis Date: 07/21/2025 1:26 pm

Compound	LOQ (ppm)	Limits (ppm)	Result (ppm)	Status
Pentanes Total	16.70	5000	ND	Pass
Propane	50.00	5000	ND	Pass
Toluene	50.00	890	ND	Pass
Total xylenes	25.00	2170	ND	Pass
Trichloroethane (1,1,1-)	50.00	1500	ND	Pass

Comment: Residual Solvents tested by GCMS using P-NY170. Unless otherwise stated, all QC passed. "TIC" stands for Tentatively Identified Compound but not quantitated.

Mycotoxins by LCMSMS

Pass

Analysis Date: 07/21/2025 1:25 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: 07/17/2025 1:43 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Antimony	0.0100	120	ND	Pass
Arsenic	0.00100	1.50	ND	Pass
Cadmium	0.00150	0.500	0.0145	Pass
Chromium	0.280	1100	ND	Pass
Copper	0.0750	300	0.693	Pass
Lead	0.00250	0.500	0.0263	Pass
Mercury	0.000500	3.00	ND	Pass

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250714-X

Heavy Metals by ICPMS

Pass

Analysis Date: 07/17/2025 1:43 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Nickel	0.0100	20.0	ND	Pass

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

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