



Certificate of Analysis

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 3

Battenkill Buds

Order No.: OBTX0722-0002114
229 Ray Road
Greenwich, New York, 12834
battenkillbuds@gmail.com
5187426235
OCM-MICRO-25-000234

Laboratory Sample ID: 250722-D

Batch Id: **2025-005**, Batch Size: **1,200**, Units Sampled: **4**,
Sample Size: **6.094 grams**
Sample Collection Site: 229 Ray Road, New York 12834
Date/Time Collected: 07/21/2025 12:00
Date/Time Received: 07/21/2025 18:10
Report Created: 07/29/2025 16:55
Sampling SOP- SOP# 006

Sample Name: Pa's Pie

Plant, Flower - Cured



Scan QR Code to verify COA

Tests Summary



Batch Pass	Cannabinoids Tested	Microbials Tested
Foreign Matter Pass	Moisture Pass	Water Activity Pass
Microbials PCR Pass	Terpenes Pass	Pesticides Pass
Heavy Metals Pass	Mycotoxins Pass	

Report notes: See Report 72071 for Terpenes, Heavy Metals, Pesticides and Mycotoxins results.

Cannabinoids

SOP-H001 and SOP-H102

Date/Time Tested: 07/24/25 11:25

Tested

16.18 % Total THC	ND Total CBD
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Analyte	LOQ (mg/g)	mg/g	%	Analyte	LOQ (mg/g)	mg/g	%
THCa	0.001	184.524	18.452	THCV	0.001	ND	ND
CBGa	0.001	7.929	0.793	CBN	0.001	ND	ND
(6aR,9R)-d10-THC	0.001	ND	ND	CBC	0.001	ND	ND
(6aR,9S)-d10-THC	0.001	ND	ND	Δ9-THC	0.001	< LOQ	< LOQ
CBDV	0.001	ND	ND	Δ8-THC	0.001	ND	ND
CBDa	0.001	ND	ND	Total THC		161.828	16.18
CBG	0.001	ND	ND	Total CBD		ND	ND
CBD	0.001	ND	ND	Total Cannabinoids		192.453	19.25

Steve Heine

Quality Control Officer

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Microbials

SOP-0100-0104
 Date/Time Tested: 07/23/25 11:07

Tested

Analyte	LOQ (CFU/g)	CFU/g
Aerobic Bacteria	100	<100
Yeast & Mold	100	<100

Foreign Matter

SOP-060
 Date/Time Tested: 07/22/25 12:22

Pass

Analyte	Limit (%)	ppm	%	Status
FM Other	2.000000	0.000	0.000	Passed
FM Stems	5.000000	0.000	0.000	Passed
Mammal Excrement	0.000221	0.000	0.000	Passed

Moisture

SOP-058
 Date/Time Tested: 07/22/25 12:23

Pass

Analyte	Limit (%)	%	Status
Moisture	15.0	13.27	Passed

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 Sampling SOP- SOP# 006

Sample Name: Pa's Pie
 Plant, Flower - Cured



Scan QR Code
 to verify COA

Water Activity

SOP-059
 Date/Time Tested: 07/22/25 12:28

Pass

Analyte	Limit (aw)	aw	Status
Water Activity	0.65	0.45	Passed

Microbials PCR

SOP-065-066
 Date/Time Tested: 07/28/25 14:43

Pass

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

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Biotrax

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716-651-0146
License #: OCM-CPL-00005

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Final



Date Released: 7/29/2025 4:30:56PM

Report #: 72071

250722-D

Sample #: 16797, Weight: 3.60g, Unit Count:
Order #: X250723-0004

Category/Type: Plant, Flower - Cured
Date Collected: 7/23/2025 9:57:13AM
Date Received: 7/23/2025 10:42:09AM
Date Sampled: 7/23/2025 10:42:09AM
Regulator Sample ID: 250722-D
Regulator Source Package ID: 250722-D
Regulator Batch ID: 250722-D

Size: Not Provided, Unit Count:



Total Terpenes
0.675 %



Heavy Metals
PASS



Pesticides
PASS



Mycotoxins
PASS

Terpenes by HS-GC-MS

Date Completed: 07/24/2025 9:48AM



Compound	CAS#	LOQ (%)	%	Relative Concentration
Beta-myrcene	123-35-3	0.1000	0.4237	<div style="width: 42.37%;"></div>
Alpha-pinene	80-56-8	0.1000	0.1507	<div style="width: 15.07%;"></div>
Caryophyllene-oxide	1139-30-6	0.1000	0.1003	<div style="width: 10.03%;"></div>
Results based on dry weight				
Beta-caryophyllene	87-44-5	0.1000	ND	
Limonene	5989-27-5	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	

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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





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Sample #: 16797

250722-D

Compound	CAS#	LOQ (%)	%	Relative Concentration
Ocimene	13877-91-3	0.1000	ND	
Alpha-bisabolol	515-69-5	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: 07/29/2025 10:16 am

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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Final



Sample #: 16797

250722-D

Pesticides by LCMSMS

Pass

Analysis Date: 07/29/2025 10:16 am

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
Chloromequat 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
Fonicamid	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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Pesticides by LCMSMS

Pass

Analysis Date: 07/29/2025 10:16 am

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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Pesticides by LCMSMS

Pass

Analysis Date: 07/29/2025 10:16 am

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.

Mycotoxins by LCMSMS

Pass

Analysis Date: 07/29/2025 10:16 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
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: 07/24/2025 5:05 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Antimony	0.0100	2.00	ND	Pass
Arsenic	0.00100	0.200	ND	Pass
Cadmium	0.00150	0.200	ND	Pass
Chromium	0.280	110	ND	Pass
Copper	0.0750	30.0	6.50	Pass
Lead	0.00250	0.500	0.0290	Pass

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250722-D

Heavy Metals by ICPMS

Pass

Analysis Date: 07/24/2025 5:05 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Mercury	0.000500	0.100	ND	Pass
Nickel	0.0100	5.00	0.0402	Pass

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

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