



# 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-E

Batch Id: **2025-001**, Batch Size: **2,000**, Units Sampled: **4**,  
 Sample Size: **6.014 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 16:54  
 Sampling SOP- SOP# 006

## Sample Name: Sour Paypa

Plant, Flower - Cured



Scan QR Code to verify COA

## Tests Summary



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

Report notes: See Report 72069 for Terpenes, Heavy Metals, Pesticides and Mycotoxins results.

## Cannabinoids

SOP-H001 and SOP-H102

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

Tested

<b>18.42 %</b> <b>Total THC</b>	<b>ND</b> <b>Total CBD</b>
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Analyte	LOQ (mg/g)	mg/g	%	Analyte	LOQ (mg/g)	mg/g	%
THCa	0.001	<b>210.052</b>	<b>21.005</b>	THCV	0.001	ND	ND
CBGa	0.001	<b>8.292</b>	<b>0.829</b>	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	ND	ND
CBDV	0.001	ND	ND	Δ8-THC	0.001	ND	ND
CBDa	0.001	ND	ND	Total THC		<b>184.216</b>	<b>18.42</b>
CBG	0.001	ND	ND	Total CBD		ND	ND
CBD	0.001	ND	ND	Total Cannabinoids		<b>218.344</b>	<b>21.83</b>

Steve Heine

Quality Control Officer

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Plant, Flower - Cured



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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	13.33	Passed

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Plant, Flower - Cured



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## Water Activity

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

Pass

Analyte	Limit (aw)	aw	Status
Water Activity	0.65	<b>0.39</b>	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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# Certificate of Analysis

Final



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

Report #: 72069

## 250722-E

Sample #: 16798, Weight: 3.50g, Unit Count:  
 Order #: X250723-0004

Category/Type: Plant, Flower - Cured  
 Date Collected: 7/23/2025 9:57:13AM  
 Date Received: 7/23/2025 10:42:22AM  
 Date Sampled: 7/23/2025 10:42:22AM  
 Regulator Sample ID: 250722-E  
 Regulator Source Package ID: 250722-E  
 Regulator Batch ID: 250722-E

Size: Not Provided, Unit Count:



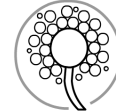
**Total Terpenes**  
0.559 %



**Heavy Metals**  
PASS



**Pesticides**  
PASS



**Mycotoxins**  
PASS

### Terpenes by HS-GC-MS

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

Compound	CAS#	LOQ (%)	%	Relative Concentration
Fenchol	14575-74-7	0.1000	0.2674	
Guaiol	489-86-1	0.1000	0.1857	
Farnesene	502-61-4	0.1000	0.1058	
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	

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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**  
 1809 Vestal Pkwy E

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

*Kelly Greenland*

Dr. Kelly Greenland, Lab Director





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**Sample #: 16798**

**250722-E**

Compound	CAS#	LOQ (%)	%	Relative Concentration
Beta-pinene	127-91-3	0.1000	ND	
Terpinolene	586-62-9	0.1000	ND	
Ocimene	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	
Alpha-terpinene	99-86-5	0.1000	ND	
Terpineol	8006-39-1	0.1000	ND	
Valencene	4630-07-3	0.1000	ND	
Alpha-phellandrene	99-83-2	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 #: 16798

250722-E

## 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
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
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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250722-E

## 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	5.48	Pass
Lead	0.00250	0.500	0.0334	Pass

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**250722-E**

## 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	ND	Pass

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

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