



# New York Hemp Oil Labs LLC

185 Main ST  
Cortland, NY, 13045  
Teejay@newyorkhempoil.com  
607-821-1182  
License #: OCM-AUCP-22-000003

# Certificate of Analysis

Final

Date Released: 7/5/2023 12:27:25PM

Report #: 2098

## PROTAB HYBRID

Sample #: 1650, Weight: 11.44g, Unit Count:  
Order #: X230622-0002

Category/Type: Ingestible, Orally-Dissolving Product

Date Collected: 6/22/2023 12:59:13PM

Date Received: 6/22/2023 1:01:36PM

Regulator Sample ID: PT230615d9H

Regulator Source Package ID: PT230615d9H

Regulator Batch ID: PT230615d9H

Size: 2500units, Unit Count:



Total Cannabinoids  
10.72 mg/svg  
12.18 %



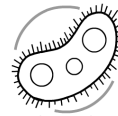
Total THC  
10.48 mg/svg  
11.91 %



Total CBD  
ND mg/svg  
ND %



Heavy Metals  
PASS



Microbials  
PASS



Residual Solvents  
PASS



Pesticides  
PASS



Mycotoxins  
PASS



Water Activity  
PASS

## Potency Analysis by HPLC

Total Cannabinoids: **10.72 mg/svg - 12.18 %**  
Total THC: **10.48 mg/svg - 11.91 %**  
Total CBD: **ND mg/svg - ND %**

Date Completed: 06/30/2023 12:39PM

Compound	CAS#	LOQ (mg/svg)	mg/svg	%	Relative Concentration
d9-THC	1972-08-3	0.01000	10.48	11.91	
d10-THC	95543-62-7	0.01000	0.1121	0.1274	
THCV	31262-37-0	0.01000	0.09893	0.1124	
CBGa	25555-57-1	0.01000	0.01476	0.01677	
d8-THC	5957-75-5	0.01000	0.01022	0.01161	
THCa	23978-85-0	0.01000	ND	ND	
CBD	13956-29-1	0.01000	ND	ND	
CBDa	1244-58-2	0.01000	ND	ND	
CBDV	24274-48-4	0.01000	ND	ND	
CBC	20675-51-8	0.01000	ND	ND	
CBG	25654-31-3	0.01000	ND	ND	
CBN	521-35-7	0.01000	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.

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.

**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-2022-00007

Dr. Kelly Greenland, Lab Director





# New York Hemp Oil Labs LLC

185 Main ST  
Cortland, NY, 13045  
Teejay@newyorkhempoil.com  
607-821-1182  
License #: OCM-AUCP-22-000003

# Certificate of Analysis

Final

Sample #: 1650

PROTAB HYBRID

## Water Activity by Meter

Pass

Analysis Date: 07/03/2023 9:07 am

Compound	LOQ (Aw)	Limits (Aw)	Result (Aw)	Status
Water Activity	0.05	0.85	0.57	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: 07/03/2023 10:15 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
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
Chlorfenapyr	0.0100	1	ND	Pass
Chloromequat 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

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.

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-2022-00007

Dr. Kelly Greenland, Lab Director





# New York Hemp Oil Labs LLC

185 Main ST  
Cortland, NY, 13045  
Teejay@newyorkhempoil.com  
607-821-1182  
License #: OCM-AUCP-22-000003

# Certificate of Analysis

Final

Sample #: 1650

PROTAB HYBRID

## Pesticides by LCMSMS

Pass

Analysis Date: 07/03/2023 10:15 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
Methyl Parathion	0.0100	0.2	ND	Pass
Mevinphos	0.0100	1	ND	Pass

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.

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-2022-00007

Dr. Kelly Greenland, Lab Director





# New York Hemp Oil Labs LLC

185 Main ST  
Cortland, NY, 13045  
Teejay@newyorkhempoil.com  
607-821-1182  
License #: OCM-AUCP-22-000003

# Certificate of Analysis

Final

Sample #: 1650

PROTAB HYBRID

## Pesticides by LCMSMS

Pass

Analysis Date: 07/03/2023 10:15 am

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

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.

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-2022-00007

Dr. Kelly Greenland, Lab Director





# New York Hemp Oil Labs LLC

185 Main ST  
Cortland, NY, 13045  
Teejay@newyorkhempoil.com  
607-821-1182  
License #: OCM-AUCP-22-000003

# Certificate of Analysis

Final

Sample #: 1650

PROTAB HYBRID

## Residual Solvents by HS-GC-MS Pass Analysis Date: 06/30/2023 10:42 am

Compound	LOQ (ppm)	Limits (ppm)	Result (ppm)	Status
1,2-Dichloroethane	10.00	5	ND	Pass
Acetone	50.00	5000	ND	Pass
Acetonitrile	50.00	410	ND	Pass
Benzene	0.5000	2	ND	Pass
Butanes Total	25.00	5000	ND	Pass
Chloroform	0.5000	60	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
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
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.

## Mycotoxins by LCMSMS Pass Analysis Date: 07/03/2023 10:15 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

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.

**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-2022-00007

Dr. Kelly Greenland, Lab Director





# New York Hemp Oil Labs LLC

185 Main ST  
Cortland, NY, 13045  
Teejay@newyorkhempoil.com  
607-821-1182  
License #: OCM-AUCP-22-000003

# Certificate of Analysis

Final

Sample #: 1650

PROTAB HYBRID

## Mycotoxins by LCMSMS

Pass

Analysis Date: 07/03/2023 10:15 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: 06/29/2023 11:04 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Antimony	0.0100	120	0.0155	Pass
Arsenic	0.00100	1.5	ND	Pass
Cadmium	0.00150	0.5	ND	Pass
Chromium	0.280	1100	2.90	Pass
Copper	0.0750	300	ND	Pass
Lead	0.00250	0.5	0.0398	Pass
Mercury	0.000500	3	0.00114	Pass
Nickel	0.0100	20	0.0706	Pass

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

## Micro by Petri & qPCR

Pass

Analysis Date: 07/02/2023 10:55 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

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.

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-2022-00007

Dr. Kelly Greenland, Lab Director





# New York Hemp Oil Labs LLC

185 Main ST  
Cortland, NY, 13045  
Teejay@newyorkhempoil.com  
607-821-1182

License #: OCM-AUCP-22-000003

# Certificate of Analysis

Final

Sample #: 1650

PROTAB HYBRID

## Micro by Petri & qPCR

Pass

Analysis Date: 07/02/2023 10:55 am

Compound	LOQ (CFU/g)	Limits (CFU/g)	Result (CFU/g)	Status
Total Aerobic Bacteria	10	10000	ND	Pass
Total Yeast & Mold	10	1000	ND	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".

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.

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-2022-00007

Dr. Kelly Greenland, Lab Director

