



# 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: 4/5/2023 10:52:43AM

Report #: 1036

## HTE Infused Disposable .75g - Alien OG Blend

Sample #: 581, Weight: 15.00g, Unit Count:  
Order #: X230322-0001

Category/Type: Concentrates & Extract, Vape Cartridge  
Date Collected: 3/22/2023 12:55:01PM  
Date Received: 3/22/2023 12:58:22PM  
Date Analyzed: 3/28/2023 10:21:03AM  
Regulator Sample ID: VA00026  
Regulator Source Package ID: VA00026  
Regulator Batch ID: VA00026



Total Cannabinoids  
66.39 %  
663.9 mg/g



Total THC  
59.52 %  
595.2 mg/g



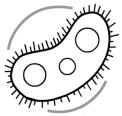
Total CBD  
0.23 %  
2.3 mg/g



Total Terpenes  
2.9 %



Heavy Metals  
PASS



Microbials  
PASS



Residual Solvents  
PASS



Pesticides  
PASS



Mycotoxins  
PASS

### Potency Analysis by HPLC

Total Cannabinoids: **66.39 % - 663.9 mg/g**  
Total THC: **59.52 % - 595.2 mg/g**  
Total CBD: **0.23 % - 2.3 mg/g**

Date Completed: 03/24/2023 10:08AM

Compound	CAS#	LOQ (%)	%	mg/g	Relative Concentration
d9-THC	1972-08-3	0.001	57.66	576.6	<div style="width: 57.66%;"></div>
d10-THC	95543-62-7	0.001	3.10	31.0	<div style="width: 3.10%;"></div>
THCa	23978-85-0	0.001	2.12	21.2	<div style="width: 2.12%;"></div>
CBN	521-35-7	0.001	1.28	12.8	<div style="width: 1.28%;"></div>
CBG	25654-31-3	0.001	1.12	11.2	<div style="width: 1.12%;"></div>
THCV	31262-37-0	0.001	0.47	4.7	<div style="width: 0.47%;"></div>
CBD	13956-29-1	0.001	0.23	2.3	<div style="width: 0.23%;"></div>
CBGa	25555-57-1	0.001	0.15	1.5	<div style="width: 0.15%;"></div>
d8-THC	5957-75-5	0.001	0.13	1.3	<div style="width: 0.13%;"></div>
CBC	20675-51-8	0.001	0.13	1.3	<div style="width: 0.13%;"></div>
CBDa	1244-58-2	0.001	ND	ND	
CBDV	24274-48-4	0.001	ND	ND	

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*Kelly N Greenland*

Dr. Kelly Greenland, Lab Director  
4/5/2023 10:55:58AM





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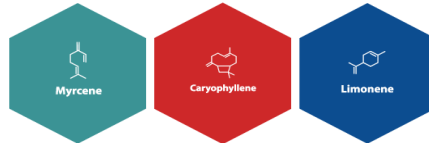
Test Comment: Cannabinoids analyzed by HPLC using P-NY100. The reported result is based on a sample weight using moisture content for flower samples unless moisture is listed as zero or ND. Unless otherwise stated all QC passed.

Total CBD = CBD + (0.877\*CBDA)

Total THC = d9-THC + d8-THC + d10-THC + (0.877\*THCa) d8-THC is an abbreviation for delta-8 tetrahydrocannabinol. d9-THC is an abbreviation for delta-9 tetrahydrocannabinol.

## Terpenes by HS-GC-MS

Date Completed: 03/23/2023 1:52PM



Compound	CAS#	LOQ (%)	%	Relative Concentration
beta-Myrcene	123-35-3	0.1	1.3	
trans-Caryophyllene	87-44-5	0.1	0.5	
R(+)-Limonene	5989-27-5	0.1	0.3	
alpha-Farnesene	502-61-4	0.1	0.2	
alpha-Bisabolol	515-69-5	0.1	0.1	
alpha-Humulene	6753-98-6	0.1	0.1	
beta-Farnesene	18794-84-8	0.1	0.1	
Linalool	78-70-6	0.1	0.1	
Terpinolene	586-62-9	0.1	0.1	
Valencene	4630-07-3	0.1	0.1	

Results based on dry weight

(-)-Borneol	464-45-9	0.1	ND
(-)-Caryophyllene Oxide	1139-30-6	0.1	ND
(-)-Isopulegol	89-79-2	0.1	ND
(+)-Borneol	464-43-7	0.1	ND
(+)-Cedrol	77-53-2	0.1	ND
(1R)-(+)-Camphor	464-49-3	0.1	ND
3-Carene	13466-78-9	0.1	ND

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Dr. Kelly Greenland, Lab Director  
4/5/2023 10:55:58AM





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Compound	CAS#	LOQ (%)	%	Relative Concentration
alpha-Cedrene	469-61-4	0.1	ND	
alpha-Pinene	80-56-8	0.1	ND	
alpha-Terpinene	99-86-5	0.1	ND	
alpha-Terpineol	98-55-5	0.1	ND	
beta-Pinene	127-91-3	0.1	ND	
Camphene	79-92-5	0.1	ND	
cis-Nerolidol	142-50-7	0.1	ND	
cis-Ocimene	3338-55-4	0.1	ND	
Endo-Fenchyl Alcohol	14575-74-7	0.1	ND	
Eucalyptol	470-82-6	0.1	ND	
Fenchone	1195-79-5	0.1	ND	
gamma-Terpinene	99-85-4	0.1	ND	
gamma-Terpineol	586-81-2	0.1	ND	
Geraniol	106-24-1	0.1	ND	
Geranyl Acetate	105-87-3	0.1	ND	
Guaiol	489-86-1	0.1	ND	
Hexahydro Thymol	15356-70-4	0.1	ND	
Nerol	106-25-2	0.1	ND	
p-Mentha-1,5-diene	99-83-2	0.1	ND	
Pulegone	89-82-7	0.1	ND	
Sabinene	3387-41-5	0.1	ND	
Sabinene Hydrate	546-79-2	0.1	ND	
trans-Nerolidol	40716-66-3	0.1	ND	
trans-Ocimene	3779-61-1	0.1	ND	

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

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## Pesticides by LCMSMS

Pass

Date Completed: 03/28/2023 9:34 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Abamectin	0.01	0.5	ND	Pass
Acephate	0.01	0.4	ND	Pass
Acequinocyl	0.01	2	ND	Pass
Acetamiprid	0.01	0.2	ND	Pass
Aldicarb	0.01	0.4	ND	Pass
Azadirachtin	0.01	1	ND	Pass
Azoxystrobin	0.01	0.2	ND	Pass
Bifenazate	0.01	0.2	ND	Pass
Bifenthrin	0.01	0.2	ND	Pass
Boscalid	0.01	0.4	ND	Pass
Carbaryl	0.01	0.2	ND	Pass
Carbofuran	0.01	0.2	ND	Pass
Chlorantraniliprole	0.01	0.2	ND	Pass
Chloromequat Chloride	0.01	1	ND	Pass
Chlorpyrifos	0.01	0.2	ND	Pass
Clofentezine	0.01	0.2	ND	Pass
Coumaphos	0.01	1	ND	Pass
Cyfluthrin	0.01	1	ND	Pass
Cypermethrin	0.01	1	ND	Pass
Daminozide	0.01	1	ND	Pass
Diazinon	0.01	0.2	ND	Pass
Dichlorvos	0.01	1	0.17	Pass
Dimethoate	0.01	0.2	ND	Pass
Dimethomorph	0.01	1	ND	Pass
Ethoprophos	0.01	0.2	ND	Pass
Etofenprox	0.01	0.4	ND	Pass

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Pass

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Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Etoazole	0.01	0.2	ND	Pass
Fenhexamid	0.01	1	ND	Pass
Fenoxycarb	0.01	0.2	ND	Pass
Fenpyroximate	0.01	0.4	ND	Pass
Fipronil	0.01	0.4	ND	Pass
Flonicamid	0.01	1	ND	Pass
Fludioxonil	0.01	0.4	ND	Pass
Hexythiazox	0.01	1	ND	Pass
Imazalil	0.01	0.2	ND	Pass
Imidacloprid	0.01	0.4	ND	Pass
Indolebutyric Acid	0.01	1	ND	Pass
Kresoxim-methyl	0.01	0.4	ND	Pass
Malathion	0.01	0.2	ND	Pass
Metalaxyl	0.01	0.2	ND	Pass
Methiocarb	0.01	0.2	ND	Pass
Mevinphos	0.01	1	ND	Pass
Myclobutanil	0.01	0.2	ND	Pass
Naled	0.01	0.5	ND	Pass
Oxamyl	0.01	1	ND	Pass
Paclobutrazol	0.01	0.4	ND	Pass
Permethrin	0.01	0.2	ND	Pass
Phosmet	0.01	0.2	ND	Pass
Piperonyl Butoxide	0.01	2	ND	Pass
Prallethrin	0.01	0.2	0.08	Pass
Propiconazole	0.01	0.4	ND	Pass
Propoxur	0.01	0.2	ND	Pass

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Pass

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Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Pyrethrins Total	0.01	1	ND	Pass
Pyridaben	0.01	0.2	ND	Pass
Spinetoram	0.01	1	ND	Pass
Spinosad Total	0.01	.2	ND	Pass
Spiromesifen	0.01	0.2	ND	Pass
Spirotetramat	0.01	0.2	ND	Pass
Spiroxamine	0.01	0.2	ND	Pass
Tebuconazole	0.01	0.4	ND	Pass
Thiacloprid	0.01	0.2	ND	Pass
Thiamethoxam	0.01	0.2	ND	Pass
Trifloxystrobin	0.01	0.2	ND	Pass

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

## Residual Solvents by HS-GC-MS

Pass

Date Completed: 03/28/2023 10:21 am

Compound	LOQ (ppm)	Limits (ppm)	Result (ppm)	Status
1,4-Dioxane	50	380	ND	Pass
2-Butanol	50	5000	ND	Pass
2-Ethoxyethanol	50	160	ND	Pass
3-Methylpentane	10		ND	Pass
Acetone	50	5000	ND	Pass
Acetonitrile	50	410	ND	Pass
Benzene	0.5	2	ND	Pass
Butanes ppm	25	5000	80	Pass
Cumene	50	70	ND	Pass
Cyclohexane	50	3880	ND	Pass
Ethanol	50	5000	ND	Pass

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## Residual Solvents by HS-GC-MS

Pass

Date Completed: 03/28/2023 10:21 am

Compound	LOQ (ppm)	Limits (ppm)	Result (ppm)	Status
Ethyl acetate	50	5000	ND	Pass
Ethyl ether	50	5000	ND	Pass
Ethylbenzene	12.5		ND	Pass
Ethylene glycol	50	620	ND	Pass
Ethylene oxide	50	50	ND	Pass
Heptane	50	5000	ND	Pass
Hexane	10		ND	Pass
Isopropanol	50	5000	ND	Pass
Isopropyl acetate	50	5000	ND	Pass
Methanol	50	3000	ND	Pass
Methylene chloride	50	600	ND	Pass
Pentanes Total	16.7	5000	ND	Pass
Propane	50	5000	ND	Pass
Tetrahydrofuran	50	720	ND	Pass
Toluene	50	890	ND	Pass
Total xylenes	25	2170	ND	Pass

Comment: Residual Solvents tested by GCMS using P-NY170. Unless otherwise stated, all QC passed.

## Mycotoxins by LCMSMS

Pass

Date Completed: 03/28/2023 9:34 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Aflatoxin B1	0.005	0.020	ND	Pass
Aflatoxin B2	0.005	0.020	ND	Pass
Aflatoxin G1	0.005	0.020	ND	Pass
Aflatoxin G2	0.005	0.020	ND	Pass
Ochratoxin A	0.005	0.020	ND	Pass
Total Aflatoxin	0.005	0.020	ND	Pass

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Comment: Mycotoxin contamination tested by LCMSMS using P-NY125. Unless otherwise stated, all QC passed.

## Heavy Metals by ICPMS

Pass

Date Completed: 03/23/2023 3:03 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Antimony	0.01	2	ND	Pass
Arsenic	0.001	0.2	ND	Pass
Cadmium	0.0015	0.3	ND	Pass
Chromium	0.275	110	ND	Pass
Copper	0.075	30	ND	Pass
Lead	0.0025	0.5	ND	Pass
Mercury	0.0005	0.1	ND	Pass
Nickel	0.01	2	ND	Pass

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

## Micro by Petri & qPCR

Pass

Date Completed: 03/27/2023 1:22 pm

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
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".

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