

Certificate of Analysis

Final



New York Hemp Oil Labs LLC

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

Date Released: 7/17/2023 2:48:46PM

Report #: 2351

Runtz .5g HTE sauce vape

Sample #: 1434, Weight: 4.00g, Unit Count:

Order #: X230607-0001

Category/Type: Concentrates & Extract, Vape Cartridge

Date Collected: 6/7/2023 11:39:04AM

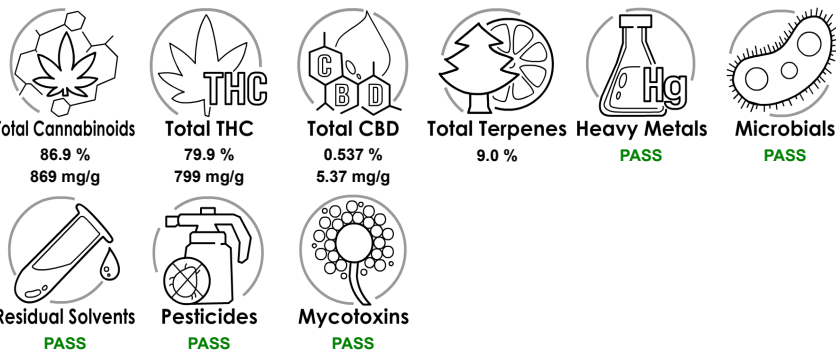
Date Received: 6/7/2023 11:48:15AM

Regulator Sample ID: VA00033

Regulator Source Package ID: VA00033

Regulator Batch ID: VA00033

Size: 1000units, Unit Count:



Potency Analysis by HPLC

Total Cannabinoids: **86.9 % - 869 mg/g**

Total THC: **79.9 % - 799 mg/g**

Total CBD: **0.537 % - 5.37 mg/g**

Date Completed: 06/08/2023 9:33AM

Compound	CAS#	LOQ (%)	%	mg/g	Relative Concentration
d9-THC	1972-08-3	0.001	72.3	723	<div style="width: 72.3%;"></div>
THCa	23978-85-0	0.001	8.67	86.7	<div style="width: 8.67%;"></div>
CBG	25654-31-3	0.001	2.23	22.3	<div style="width: 2.23%;"></div>
CBGa	25555-57-1	0.001	1.57	15.7	<div style="width: 1.57%;"></div>
THCV	31262-37-0	0.001	0.666	6.66	<div style="width: 0.666%;"></div>
CBN	521-35-7	0.001	0.583	5.83	<div style="width: 0.583%;"></div>
CBDa	1244-58-2	0.001	0.377	3.77	<div style="width: 0.377%;"></div>
CBD	13956-29-1	0.001	0.206	2.06	<div style="width: 0.206%;"></div>
CBC	20675-51-8	0.001	0.140	1.40	<div style="width: 0.140%;"></div>
d8-THC	5957-75-5	0.001	0.138	1.38	<div style="width: 0.138%;"></div>
d10-THC	95543-62-7	0.001	ND	ND	<div style="width: 0%;"></div>
CBDV	24274-48-4	0.001	ND	ND	<div style="width: 0%;"></div>

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.

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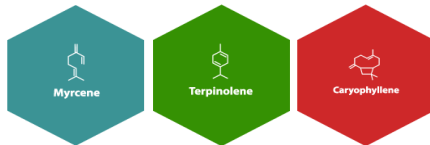
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Runtz .5g HTE sauce vape

Date Completed: 06/09/2023 12:36PM

Terpenes by HS-GC-MS



Compound	CAS#	LOQ (%)	%	Relative Concentration
beta-Myrcene	123-35-3	0.10	1.5	[Bar]
Terpinolene	586-62-9	0.10	1.4	[Bar]
trans-Caryophyllene	87-44-5	0.10	1.3	[Bar]
R(+)-Limonene	5989-27-5	0.10	1.2	[Bar]
cis-Ocimene	3338-55-4	0.10	0.71	[Bar]
alpha-Farnesene	502-61-4	0.10	0.64	[Bar]
beta-Farnesene	18794-84-8	0.10	0.59	[Bar]
alpha-Humulene	6753-98-6	0.10	0.45	[Bar]
Linalool	78-70-6	0.10	0.39	[Bar]
Valencene	4630-07-3	0.10	0.17	[Bar]
alpha-Pinene	80-56-8	0.10	0.15	[Bar]
beta-Pinene	127-91-3	0.10	0.13	[Bar]
alpha-Cedrene	469-61-4	0.10	0.12	[Bar]
p-Mentha-1,5-diene	99-83-2	0.10	0.11	[Bar]
alpha-Terpineol	98-55-5	0.10	0.10	[Bar]
(-)-Borneol	464-45-9	0.10	ND	[Bar]
(-)-Caryophyllene Oxide	1139-30-6	0.10	ND	[Bar]
(-)-Isopulegol	89-79-2	0.10	ND	[Bar]
(+)-Borneol	464-43-7	0.10	ND	[Bar]
(+)-Cedrol	77-53-2	0.10	ND	[Bar]
(1R)-(+)-Camphor	464-49-3	0.10	ND	[Bar]

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Compound	CAS#	LOQ (%)	%	Relative Concentration
3-Carene	13466-78-9	0.10	ND	
alpha-Bisabolol	515-69-5	0.10	ND	
alpha-Terpinene	99-86-5	0.10	ND	
Camphene	79-92-5	0.10	ND	
cis-Nerolidol	142-50-7	0.10	ND	
Endo-Fenchyl Alcohol	14575-74-7	0.10	ND	
Eucalyptol	470-82-6	0.10	ND	
Fenchone	1195-79-5	0.10	ND	
gamma-Terpinene	99-85-4	0.10	ND	
gamma-Terpineol	586-81-2	0.10	ND	
Geraniol	106-24-1	0.10	ND	
Geranyl Acetate	105-87-3	0.10	ND	
Guaiol	489-86-1	0.10	ND	
Hexahydro Thymol	15356-70-4	0.10	ND	
Nerol	106-25-2	0.10	ND	
Pulegone	89-82-7	0.10	ND	
Sabinene	3387-41-5	0.10	ND	
Sabinene Hydrate	546-79-2	0.10	ND	
trans-Nerolidol	40716-66-3	0.10	ND	
trans-Ocimene	3779-61-1	0.10	ND	

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

Pesticides by LCMSMS

Pass

Analysis Date: 06/12/2023 10:38 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

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Pesticides by LCMSMS

Pass

Analysis Date: 06/12/2023 10:38 am

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
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
Carbaryl	0.0100	0.2	ND	Pass
Carbofuran	0.0100	0.2	ND	Pass
Chlorantraniliprole	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
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

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Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
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
Mevinphos	0.0100	1	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
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

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

Residual Solvents by HS-GC-MS

Pass

Analysis Date: 06/09/2023 11:51 am

Compound	LOQ (ppm)	Limits (ppm)	Result (ppm)	Status
Acetone	50.00	5000	ND	Pass
Acetonitrile	50.00	410	ND	Pass
Benzene	0.500	2	ND	Pass
Butanes ppm	25.00	5000	ND	Pass
Chloroform	0.500	60	ND	Pass
Ethanol	50.00	5000	2628	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

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Residual Solvents by HS-GC-MS

Pass

Analysis Date: 06/09/2023 11:51 am

Compound	LOQ (ppm)	Limits (ppm)	Result (ppm)	Status
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

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

Mycotoxins by LCMSMS

Pass

Analysis Date: 06/12/2023 10:38 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: 06/09/2023 12:13 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	0.28	110	0.31	Pass
Copper	0.075	30	0.19	Pass

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Heavy Metals by ICPMS

Pass

Analysis Date: 06/09/2023 12:13 pm

Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status
Lead	0.0025	0.5	0.14	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

Analysis Date: 06/10/2023 12:55 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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