

Greener Standards Inc

472 Race Road, Greene, NY 13778

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845-546-5242

License #: OCM-AUCC-23-000300

Certificate of Analysis

Final



Date Released: 7/31/2024 9:16:54AM

Report #: 20468

East Coast Sour Diesel

Sample #: 5407, Weight: 45.50g, Unit Count:

Order #: K240720-0001

Category/Type: Plant, Flower - Cured

Date Collected: 7/19/2024 10:29:50AM

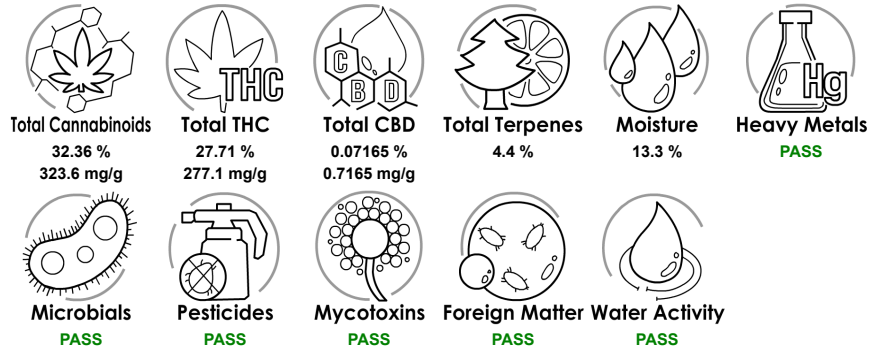
Date Received: 7/20/2024 6:27:41PM

Regulator Sample ID: E57GH2A

Regulator Source Package ID: E57GH2A

Regulator Batch ID: E57GH2A

Size: 2450Units, Unit Count:



Potency Analysis by HPLC

Total Cannabinoids: 32.36 % - 323.6 mg/g

Total THC: 27.71 % - 277.1 mg/g

Total CBD: 0.07165 % - 0.7165 mg/g

Date Completed: 07/23/2024 9:39AM

Compound	CAS#	LOQ (%)	%	mg/g	Relative Concentration
THCa	23978-85-0	0.001000	26.31	263.1	
d9-THC	1972-08-3	0.001000	4.634	46.34	
CBGa	25555-57-1	0.001000	1.104	11.04	
CBG	25654-31-3	0.001000	0.1525	1.525	
CBDa	1244-58-2	0.001000	0.08170	0.8170	
CBC	20675-51-8	0.001000	0.04587	0.4587	
THCV	31262-37-0	0.001000	0.02053	0.2053	
CBN	521-35-7	0.001000	0.01442	0.1442	
d8-THC	5957-75-5	0.001000	ND	ND	
d10/R9-THC	95543-62-7	0.001000	ND	ND	
d10/S9-THC	95588-87-7	0.001000	ND	ND	
CBD	13956-29-1	0.001000	ND	ND	
CBDV	24274-48-4	0.001000	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.

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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
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Dr. Kelly Greenland, Lab Director





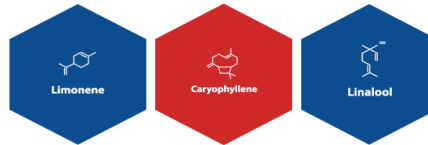
Sample #: 5407

East Coast Sour Diesel

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d9-THC		0.001000	4.634	46.34	<div></div>
CBGa		0.001000	1.104	11.04	<div></div>
CBG		0.001000	0.1525	1.525	<div></div>
CBDa		0.001000	0.08170	0.8170	<div></div>
CBC		0.001000	0.04587	0.4587	<div></div>
THCV		0.001000	0.02053	0.2053	<div></div>
CBN		0.001000	0.01442	0.1442	<div></div>
CBDV		0.001000	ND	ND	<div></div>
CBD		0.001000	ND	ND	<div></div>
d8-THC		0.001000	ND	ND	<div></div>
d10/R9-THC	95543-62-7	0.001000	ND	ND	<div></div>
d10/S9-THC	95588-87-7	0.001000	ND	ND	<div></div>

Terpenes by HS-GC-MS

Date Completed: 07/23/2024 1:00PM



Compound	CAS#	LOQ (%)	%	Relative Concentration
Limonene	5989-27-5	0.1000	1.245	<div></div>
Farnesene	502-61-4	0.1000	0.8265	<div></div>
Beta-caryophyllene	87-44-5	0.1000	0.8153	<div></div>
Linalool	78-70-6	0.1000	0.5046	<div></div>
Alpha-pinene	80-56-8	0.1000	0.2295	<div></div>
Alpha-humulene	6753-98-6	0.1000	0.1876	<div></div>
Beta-pinene	127-91-3	0.1000	0.1766	<div></div>
Terpineol	8006-39-1	0.1000	0.1764	<div></div>
Fenchol	14575-74-7	0.1000	0.1413	<div></div>

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Sample #: 5407

East Coast Sour Diesel

Compound	CAS#	LOQ (%)	%	Relative Concentration
Valencene	4630-07-3	0.1000	0.1289	
Beta-myrcene	123-35-3	0.1000	ND	
Terpinolene	586-62-9	0.1000	ND	
Borneol	464-43-7	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	
Guaiol	489-86-1	0.1000	ND	
Alpha-terpinene	99-86-5	0.1000	ND	
Alpha-phellandrene	99-83-2	0.1000	ND	
Camphor	464-49-3	0.1000	ND	
3-Carene	13466-78-9	0.1000	ND	
Alpha-cedrene	469-61-4	0.1000	ND	
Cedrol	77-53-2	0.1000	ND	
Eucalyptol	470-82-6	0.1000	ND	
Fenchone	1195-79-5	0.1000	ND	
Gamma-terpinene	99-85-4	0.1000	ND	
Geranyl Acetate	105-87-3	0.1000	ND	
Isopulegol	89-79-2	0.1000	ND	
Menthol	15356-70-4	0.1000	ND	
Nerol	106-25-2	0.1000	ND	
Nerolidol		0.1000	ND	
Pulegone	89-82-7	0.1000	ND	
Sabinene	3387-41-5	0.1000	ND	

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Sample #: 5407

East Coast Sour Diesel

Compound	CAS#	LOQ (%)	%	Relative Concentration
Sabinene Hydrate	546-79-2	0.1000	ND	

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

Foreign Matter by microscopy

Pass

Analysis Date: 07/23/2024 3:18 pm

Compound	LOQ (%)	Limits (%)	Result (%)	Status
% Foreign Matter	0.00100	2.0	ND	Pass
Mammalian Exreta	0.00100	0.03	ND	Pass
Stems	0.00100	5.0	ND	Pass

Comment: Physical chemistry was tested using moisture analyzer, water activity meter using P-NY 160. Unless otherwise stated, all QC passed.

Moisture Content

Pass

Analysis Date: 07/23/2024 3:18 pm

Compound	LOQ (%)	Limits (%)	Result (%)	Status
Moisture	1.2	5 - 15	13.3	Pass

Comment: Physical chemistry was tested using moisture analyzer, water activity meter using P-NY 160. Unless otherwise stated, all QC passed.

Water Activity

Pass

Analysis Date: 07/23/2024 3:18 pm

Compound	LOQ (Aw)	Limits (Aw)	Result (Aw)	Status
Water Activity	0.05	0.65	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: 07/24/2024 6:12 pm

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

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Sample #: 5407 East Coast Sour Diesel

Pesticides by LCMSMS		Pass		Analysis Date: 07/24/2024 6:12 pm	
Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status	
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	
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	

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Sample #: 5407

East Coast Sour Diesel

Pesticides by LCMSMS

Pass

Analysis Date: 07/24/2024 6:12 pm

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

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Pesticides by LCMSMS		Pass		Analysis Date: 07/24/2024 6:12 pm	
Compound	LOQ (µg/g)	Limits (µg/g)	Result (µg/g)	Status	
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	
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		Pass		Analysis Date: 07/24/2024 6:12 pm	
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.

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Sample #: 5407 East Coast Sour Diesel


Metals		Pass		Analysis Date: 07/23/2024 11:37 am	
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	0.300	ND	Pass	
Chromium	0.280	110	ND	Pass	
Copper	0.0750	30.0	4.22	Pass	
Lead	0.00250	0.500	ND	Pass	
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.					

Microbials Count/Qualitative		Pass		Analysis Date: 07/24/2024 1:46 pm	
Compound	LOQ (CFU/g)	Limits (CFU/g)	Result (CFU/g)	Status	
Aspergillus flavus Qualitative	1	0	Not Detected	Pass	
Aspergillus fumigatus Qualitative	1	0	Not Detected	Pass	
Aspergillus niger Qualitative	1	0	Not Detected	Pass	
Aspergillus terreus Qualitative	1	0	Not Detected	Pass	
Salmonella Qualitative	1	0	Not Detected	Pass	
Shiga Toxin-Producing E. coli Qualitative	1	0	Not Detected	Pass	
Total Aerobic Bacteria	10		<LOQ	Pass	
Total Yeast & Mold	10		2000	Pass	
Comment:	Note that "Pass" is listed for total yeast and mold and total aerobic bacteria results for all adult use products, as there are currently no limits for conformity.				

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