

Humboldt Family Farms - Bulk Flower - Super Sour Diesel

METRC Batch: 1A406030000B7A0000706615
METRC Sample: 1A406030000B7A0000706661
Sample ID: 2405ENC5159_4949
Strain: Super Sour Diesel
Matrix: Plant
Type: Flower - Cured

Collected: 05/28/2024
Received: 05/29/2024
Completed: 05/31/2024
Sample Size: 32 g; Batch: 7,257.472 g

Distributor
Flower Company
Lic. # C12-0000273-LIC
5560 West End Rd.,
Arcata, CA, 95521

Producer
Bear Creek Farms LLC
Lic. # CCL19-0000674
208-201-026
Unincorporated, CA 95526
County: Humboldt County
APN: 208-201-026-000

Batch#: 052124HFFSSD



Summary

Test	Date Tested	Instr. Method	Result
Batch			Pass
Cannabinoids	05/30/2024	LC-DAD	Complete
Terpenes	05/30/2024	GC-MS	Complete
Moisture	05/30/2024	Moisture Analyzer	13.29% - Complete
Water Activity	05/30/2024	Water Activity Meter	0.4649 aw - Pass
Pesticides	05/30/2024	LC-MS	Pass
Mycotoxins	05/30/2024	LC-MS	Pass
Microbial Impurities	05/31/2024	qPCR	Pass
Heavy Metals	05/30/2024	ICP-MS	Pass
Foreign Matter	05/30/2024	Visual Inspection	Pass

Cannabinoids

Method: EL-CANNABINOIDS_DCC

23.545 %

Total THC

0.040 %

Total CBD

23.684 %

Total Cannabinoids

Analytes	LOD	LOQ	Result	Result
	mg/g	mg/g	%	mg/g
THCa	0.009	0.027	26.271	262.71
Δ9-THC	0.009	0.026	0.505	5.05
Δ8-THC	0.009	0.026	ND	ND
THCV	0.008	0.025	ND	ND
CBDa	0.009	0.027	0.046	0.46
CBD	0.008	0.024	ND	ND
CBN	0.008	0.025	ND	ND
CBG	0.008	0.023	0.100	1.00
CBC	0.009	0.026	ND	ND
Total THC			23.545	235.45
Total CBD			0.040	0.40
Total Cannabinoids			23.684	236.84
Sum of Cannabinoids			26.922	269.21

Total THC = THCa * 0.877 + Δ9-THC + Δ8-THC; Total CBD = CBDa * 0.877 + CBD; Total Cannabinoids = (cannabinoid acid forms * 0.877) + cannabinoids; Sum of Cannabinoids = cannabinoid acid forms + cannabinoids; LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected. The reported result is based on a sample weight with the applicable moisture content for that sample. Foreign Material Method: SOP EL-FOREIGN; Moisture and Water Activity Method: SOP EL-WATER



Mary Beth Smith
Mary Beth Smith
Compliance Manager | 05/31/2024



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Terpenes






Method: EL-TERPENES

Analytes	LOD	LOQ	Result	Result
	mg/g	mg/g	%	mg/g
β-Caryophyllene	0.058	0.227	0.598	5.98
δ-Limonene	0.028	0.227	0.298	2.98
β-Myrcene	0.053	0.227	0.180	1.80
α-Humulene	0.022	0.227	0.153	1.53
α-Bisabolol	0.069	0.227	0.119	1.19
β-Pinene	0.031	0.227	0.042	0.42
Fenchol	0.032	0.227	0.034	0.34
α-Pinene	0.033	0.227	0.030	0.30
Caryophyllene Oxide	0.068	0.227	0.024	0.24
trans-Nerolidol	0.074	0.227	<LOQ	<LOQ
Camphene	0.020	0.227	<LOQ	<LOQ
Borneol	0.050	0.227	<LOQ	<LOQ
Terpinolene	0.049	0.227	ND	ND
α-Phellandrene	0.039	0.227	ND	ND
δ-3-Carene	0.027	0.227	ND	ND
α-Terpinene	0.041	0.227	ND	ND
p-Cymene	0.021	0.227	ND	ND
Eucalyptol	0.038	0.227	ND	ND
Ocimene	0.057	0.227	ND	ND
γ-Terpinene	0.041	0.227	ND	ND
Fenchone	0.036	0.227	ND	ND
Linalool	0.035	0.227	ND	ND
Camphor	0.041	0.341	ND	ND
Valencene	0.059	0.227	ND	ND
cis-Nerolidol	0.057	0.227	ND	ND
Guaiol	0.067	0.227	ND	ND
Sabinene	0.022	0.227	ND	ND
Sabinene Hydrate	0.043	0.227	ND	ND
Isopulegol	0.070	0.455	ND	ND
Isoborneol	0.020	0.227	ND	ND
Menthol	0.070	0.227	ND	ND
Nerol	0.047	1.137	ND	ND
Pulegone	0.047	0.227	ND	ND
Geraniol	0.065	1.137	ND	ND
α-Cedrene	0.041	0.227	ND	ND
Cedrol	0.039	0.227	ND	ND
Total			1.477	14.77


Date Tested: 05/30/2024

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Primary Aromas

 Clove	 Citrusy	 Musky	 Hops	 Chamomile
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Pesticides

Method: EL-PESTMYCOLCMS

Analytes	LOD	LOQ	Limit	Result	Status	Analytes	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g			µg/g	µg/g	µg/g	µg/g	
Abamectin	0.005	0.02	0.10	ND	Pass	Fludioxonil	0.01	0.05	0.10	ND	Pass
Acephate	0.002	0.01	0.10	ND	Pass	Hexythiazox	0.005	0.02	0.10	ND	Pass
Acequinocyl	0.01	0.02	0.10	ND	Pass	Imazalil	0.05	0.1	0.05	ND	Pass
Acetamiprid	0.005	0.02	0.10	ND	Pass	Imidacloprid	0.005	0.02	5.00	ND	Pass
Aldicarb	0.05	0.1	0.05	ND	Pass	Kresoxim Methyl	0.005	0.02	0.10	ND	Pass
Azoxystrobin	0.005	0.02	0.10	ND	Pass	Malathion	0.02	0.05	0.50	ND	Pass
Bifenazate	0.005	0.01	0.10	ND	Pass	Metalaxyl	0.002	0.005	2.00	ND	Pass
Bifenthrin	0.02	0.05	3.00	ND	Pass	Methiocarb	0.05	0.1	0.05	ND	Pass
Boscalid	0.02	0.05	0.10	ND	Pass	Methomyl	0.01	0.02	1.00	ND	Pass
Captan	0.2	0.3	0.70	ND	Pass	Parathion Methyl	0.02	0.05	0.02	ND	Pass
Carbaryl	0.02	0.05	0.50	ND	Pass	Mevinphos	0.02	0.05	0.02	ND	Pass
Carbofuran	0.05	0.1	0.05	ND	Pass	Myclobutanil	0.005	0.01	0.10	ND	Pass
Chlorantraniliprole	0.002	0.01	10.00	ND	Pass	Naled	0.01	0.02	0.10	ND	Pass
Chlordane	0.05	0.1	0.05	ND	Pass	Oxamyl	0.005	0.01	0.50	ND	Pass
Chlorfenapyr	0.05	0.1	0.05	ND	Pass	Paclobutrazol	0.05	0.1	0.05	ND	Pass
Chlorpyrifos	0.05	0.1	0.05	ND	Pass	PCNB	0.02	0.05	0.10	ND	Pass
Clofentezine	0.01	0.02	0.10	ND	Pass	Permethrin	0.02	0.05	0.50	ND	Pass
Coumaphos	0.02	0.05	0.02	ND	Pass	Phosmet	0.01	0.02	0.10	ND	Pass
Cyfluthrin	0.05	0.1	2.00	ND	Pass	Piperonyl Butoxide	0.02	0.05	3.00	ND	Pass
Cypermethrin	0.1	0.2	1.00	ND	Pass	Prallethrin	0.005	0.02	0.10	ND	Pass
Daminozide	0.02	0.05	0.02	ND	Pass	Propiconazole	0.005	0.01	0.10	ND	Pass
Diazinon	0.002	0.01	0.10	ND	Pass	Propoxure	0.05	0.1	0.05	ND	Pass
Dichlorvos	0.02	0.05	0.02	ND	Pass	Pyrethrins	0.02	0.05	0.50	ND	Pass
Dimethoate	0.02	0.05	0.02	ND	Pass	Pyridaben	0.005	0.01	0.10	ND	Pass
Dimethomorph	0.005	0.02	2.00	ND	Pass	Spinetoram	0.005	0.01	0.10	ND	Pass
Ethoprophos	0.05	0.1	0.05	ND	Pass	Spinosad	0.005	0.01	0.10	ND	Pass
Etofenprox	0.05	0.1	0.05	ND	Pass	Spiromesifen	0.01	0.02	0.10	ND	Pass
Etoazole	0.005	0.02	0.10	ND	Pass	Spirotetramat	0.005	0.01	0.10	ND	Pass
Fenhexamid	0.005	0.02	0.10	ND	Pass	Spiroxamine	0.05	0.1	0.05	ND	Pass
Fenoxycarb	0.05	0.1	0.05	ND	Pass	Tebuconazole	0.005	0.01	0.10	ND	Pass
Fenpyroximate	0.005	0.02	0.10	ND	Pass	Thiacloprid	0.02	0.05	0.02	ND	Pass
Fipronil	0.05	0.1	0.05	ND	Pass	Thiamethoxam	0.005	0.01	5.00	ND	Pass
Flonicamid	0.01	0.02	0.10	ND	Pass	Trifloxystrobin	0.005	0.01	0.10	ND	Pass

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Mycotoxins

Method: EL-PESTMYCOLCMS

Analytes	LOD	LOQ	Limit	Result	Status
	µg/kg	µg/kg	µg/kg	µg/kg	
Aflatoxin B1	1.00	2.00		ND	Tested
Aflatoxin B2	1.00	2.00		ND	Tested
Aflatoxin G1	2.00	4.00		ND	Tested
Aflatoxin G2	1.00	2.00		ND	Tested
Ochratoxin A	4.00	10.00	20.00	ND	Pass
Total Aflatoxins			20.00	ND	Pass

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Microbial Impurities

Method: SOP EL-MICROBIALS

Analytes	Result	Status
Aspergillus flavus	Not Detected in 1g	Pass
Aspergillus fumigatus	Not Detected in 1g	Pass
Aspergillus niger	Not Detected in 1g	Pass
Aspergillus terreus	Not Detected in 1g	Pass
Shiga toxin-producing Escherichia coli	Not Detected in 1g	Pass
Salmonella spp	Not Detected in 1g	Pass

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Heavy Metals


Method: SOP EL-HEAVYMETALS

Analytes	LOD	LOQ	Limit	Result	Status
	µg/g	µg/g	µg/g	µg/g	
Arsenic	0.012	0.036	0.200	ND	Pass
Cadmium	0.015	0.044	0.200	ND	Pass
Lead	0.055	0.167	0.500	ND	Pass
Mercury	0.005	0.015	0.100	ND	Pass

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