



Atlas Agriscience, LLC

Certificate of Analysis



ATLAS HEMP, LLC

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REF#: WA34382

Received: 08/09/2024
Analyzed: 08/13/2024
Reported: 08/24/2024

DJ SHORT BLUEBERRY

This is the lab results for the DJ Short Blueberry Terpene Sample, ID:17

POTENCY

Total potential THC: 0
Total potential CBD: 0
Total cannabinoids: 0

Laboratory note : This product contains terpenes and terpenoids. It does not contain cannabinoids.



18251 Cascade Avenue S
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TERPENES

% Total	mass %	mg/g	LOD	LOQ		GCMS
Beta Caryophyllene	13.01	130.1	0.03	0.05	Guaiol	0.01
Caryophyllene oxide	0.17	1.7	0.03	0.09	alpha-Farnesene	1.12
beta-Farnesene	3.85	38.5	0.03	0.09	Humulene	2.72
cis-Nerolidol	0.05	0.5	0.03	0.09	Cedrol	0.01
Borneol	0.05	0.5	0.03	0.09	Myrcene	32.3
Eucalyptol	0.19	1.9	0.05	0.19	beta-Ocimene	3.22
3-Carene	0.06	0.6	0.01	0.09	Limonene	25.27
Fenchol	0.72	7.2	0.02	0.09	Linalool	0.22
Camphepane	0.19	1.9	0.008	0.09	alpha-Pinene	2.75
alpha-Phellandrene	0.09	0.9	0.01	0.05	gamma-Terpinene	0.07
alpha-Terpinene	0.06	0.6	0.03	0.09	p-Cymene	0.04
Terpinolene	2.78	27.8	0.00016	0.0013	gamma-Terpineol	0.12
Fenchone	0.08	0.8	0.01	0.09	beta-Pinene	4.06
trans-beta-Ocimene	0.21	2.1	0.03	0.09	Carbon Dioxide	< LOD
Hashishene	< LOD	< LOD	0.03	0.09	Octane	< LOD
Citric Acid	< LOD	< LOD	0.03	0.09	Guaiacol	< LOD
Octanal	< LOD	< LOD	0.03	0.09	Edible Alcohol	< LOD
Malic Acid	< LOD	< LOD	0.03	0.09	1-Octanol	< LOD
Glycerol	< LOD	< LOD	0.03	0.09	Propylene glycol	< LOD
Distilled Water	< LOD	< LOD	0.03	0.09	Vanillin	< LOD
Toluene	< LOD	< LOD	0.03	0.09	Camphor	< LOD
Menthol	< LOD	< LOD	0.03	0.09	Decanoic acid	< LOD
CBN	< LOD	< LOD	0.03	0.09	1-Pentanol	< LOD
THC	< LOD	< LOD	0.03	0.09	Ethyl methylphenylglycidate	< LOD
Bornyl acetate	< LOD	< LOD	0.03	0.09	bisphenol a	< LOD
Tetraethyl orthosilicate	< LOD	< LOD	0.03	0.09	piperitone	< LOD
Cyclotene	< LOD	< LOD	0.03	0.09	Thymol	< LOD
Pulegone	< LOD	< LOD	0.03	0.09	Ethyl lactate	< LOD
Methyl eugenol	< LOD	< LOD	0.03	0.09	gamma-Octanoic lactone	< LOD
Isobutyl isobutyrate	< LOD	< LOD	0.03	0.09	Ethyl propionate	< LOD
Gamma-undecalactone	< LOD	< LOD	0.03	0.09	isoamyl propionate	< LOD
Ethyl butyrate	< LOD	< LOD	0.03	0.09	isoamyl butyrate	< LOD
Citronellal	< LOD	< LOD	0.03	0.09	Methyl hexanoate	< LOD
ethyl heptanoate	< LOD	< LOD	0.03	0.09	Isopropyl acetate	< LOD
methyl heptanoate	< LOD	< LOD	0.03	0.09	Butyl butyrate	< LOD
Ethyl isovalerate	< LOD	< LOD	0.03	0.09	2-Heptanone	< LOD
Isobutyl acetate	< LOD	< LOD	0.03	0.09	1-Hexanol	< LOD
methyl octanoate	< LOD	< LOD	0.03	0.09	Heptanal	< LOD
1-Heptanol	< LOD	< LOD	0.03	0.09	decanal	< LOD
octyl acetate	< LOD	< LOD	0.03	0.09	2-Methylbutyric Acid	< LOD
Linalyl acetate	< LOD	< LOD	0.03	0.09	Ethyl vanillin	< LOD
Maltol	< LOD	< LOD	0.03	0.09	Butyl lactate	< LOD
Methyl anthranilate	< LOD	< LOD	0.03	0.09	Citronellol	< LOD
Methyl chavicol	< LOD	< LOD	0.03	0.09	pyridinol	< LOD
Ethyl acetate	< LOD	< LOD	0.03	0.09	Hexyl acetate	< LOD
Hexanoic acid	< LOD	< LOD	0.03	0.09	6-Methyl-5-hepten-2-one	< LOD
Citronellyl acetate (dl-Citro	< LOD	< LOD	0.03	0.09	cis-2-Pinanol	< LOD
cineole	< LOD	< LOD	0.03	0.09	Cycloheptanone	< LOD
Carvacrol	< LOD	< LOD	0.03	0.09	beta-Cadinene	< LOD
alpha-Bisabolol	< LOD	< LOD	0.03	0.09	m-cymene	< LOD
O-Cymene	< LOD	< LOD	0.03	0.09	Isobutyl propionate	< LOD
Pentyl butyrate	< LOD	< LOD	0.03	0.09	4-Carvomenthenol	< LOD
Beta-Phellandrene	< LOD	< LOD	0.03	0.09	3-Methylbutanal	< LOD
Butyl propionate	< LOD	< LOD	0.03	0.09	Methyl butyrate	< LOD
5-Methylfurfural	< LOD	< LOD	0.03	0.09	Pentyl acetate	< LOD
Propyl hexanoate	< LOD	< LOD	0.03	0.09	Octadecanal	< LOD
phytane	< LOD	< LOD	0.03	0.09	gamma-Caprolactone	< LOD
valerolactam	< LOD	< LOD	0.03	0.09	2-nonanone	< LOD
delta-Dodecalactone	< LOD	< LOD	0.03	0.09	2-Acetylpyrrole	< LOD
1,1-Dimethoxycyclohexane	< LOD	< LOD	0.03	0.09	Dronabinol	< LOD
2,3,5,6-Tetramethylpyrazine	< LOD	< LOD	0.03	0.09	Hexyl isobutyrate	< LOD
d-carvone	< LOD	< LOD	0.03	0.09	Hexyl butyrate	< LOD
Terpineol	< LOD	< LOD	0.07	0.23	alpha-Thujene	< LOD
Allyl cyclohexanepropionate	< LOD	< LOD	0.03	0.09	Furaneol AKA 4-Hydroxy-2,5-dim	< LOD
Sabinene	< LOD	< LOD	0.1	0.32	2,3-Dimethylpyrazine	< LOD
Ethyl maltol	< LOD	< LOD	0.03	0.09	Hexyl hexanoate	< LOD
Linalyl oxide	< LOD	< LOD	0.03	0.09	I-menthone	< LOD
Ethyl 2-methylbutyrate	< LOD	< LOD	0.03	0.09		

2-10-pinene	< LOD	< LOD	0.03	0.09	R-a-Pinene	< LOD	< LOD	0.03	0.09
Strawberry fragaria vesca	< LOD	< LOD	0.03	0.09	Rose Powder	< LOD	< LOD	0.03	0.09
Ginger Powder	< LOD	< LOD	0.03	0.09	Heavy Milk	< LOD	< LOD	0.03	0.09
Citrus-auran-fifolia Swing	< LOD	< LOD	0.03	0.09	Fatty Acid	< LOD	< LOD	0.03	0.09
Coco Extract	< LOD	< LOD	0.03	0.09					

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CANNABINOIDS

	mass %	mg/g	LOD	LOQ		mass %	mg/g	LOD	LOQ
Δ9-THC	0	0	0.01	0.03	Δ8-THC	0	0	0.01	0.03
THCa	0	0	0.01	0.03	THCV	0	0	0.01	0.03
CBD	0	0	0.01	0.03	THCVA	0	0	0.01	0.03
CBDa	0	0	0.01	0.03	CBDV	0	0	0.01	0.03
CBG	0	0	0.01	0.03	CBDVA	0	0	0.01	0.03
CBGa	0	0	0.01	0.03	CBCV	0	0	0.01	0.03
CBN	0	0	0.01	0.03	CBCO	0	0	0.01	0.03
CBNa	0	0	0.01	0.03	CBL	0	0	0.01	0.03
CBC	0	0	0.01	0.03	CBLA	0	0	0.01	0.03
CBCa	0	0	0.01	0.03	CBT	0	0	0.01	0.03

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PESTICIDES

3-Hydroxycarbofuran	< LOD	0.075	0.25	Abamectin B1a	< LOD	0.15	0.45
Acephate	< LOD	0.1	0.3	Acetamiprid	< LOD	0.033	0.1
Aldicarb Sulfone	< LOD	0.05	0.2	Aldicarb	< LOD	0.075	0.25
Aminocarb	< LOD	0.033	0.1	Azoxystrobin	< LOD	0.05	0.2
Benalaxydil	< LOD	0.05	0.15	Bifenthrin	< LOD	0.05	0.2
Bifenazate	< LOD	0.05	0.2	Boscalid	< LOD		
Butafenacil	< LOD	0.05	0.15	Carbaryl	< LOD	0.05	0.2
Carbetamide	< LOD	0.05	0.15	Carbofuran	< LOD	0.05	0.15
Carboxin	< LOD	0.05	0.15	Carfentrazone-ethyl	< LOD	0.05	0.2
Chlorantraniliprole	< LOD	0.075	0.25	Chlorotoluron	< LOD	0.05	0.2
Chloroxuron	< LOD	0.05	0.15	Chlorpyrifos	< LOD	0.075	0.25
Clofentezine	< LOD			Clothianidin	< LOD	0.05	0.15
Cyazofamid	< LOD	0.05	0.15	Cycluron	< LOD	0.05	0.15
Diazinon	< LOD	0.05	0.2	Dicrotophos	< LOD	0.05	0.15
Diethofencarb	< LOD	0.05	0.15	Dimethoate	< LOD	0.05	0.2
Dimethomorph	< LOD	0.05	0.2	Dimoxystrobin	< LOD	0.05	0.15
Diuron	< LOD	0.1	0.3	Epiconazole	< LOD	0.075	0.25
Ethiofencarb	< LOD	0.075	0.25	Ethoprophos	< LOD	0.1	0.4
Etofenprox	< LOD	0.04	0.125	Etoxazole	< LOD	0.05	0.2
Fenamidone	< LOD	0.05	0.15	Fenazaquin	< LOD	0.05	0.2
Fenoxy carb	< LOD	0.05	0.2	Fenpyroximate	< LOD	0.04	0.125
Fenuron	< LOD	0.033	0.1	Fipronil	< LOD	0.1	0.3
Flonicamid	< LOD			Fluazinam	< LOD	0.075	0.25
Fludioxonil	< LOD			Flufenacet	< LOD	0.05	0.2
Fluometuron	< LOD	0.05	0.2	Flutolanil	< LOD	0.05	0.2
Fuberidazole	< LOD	0.033	0.1	Furalaxydil	< LOD	0.05	0.15
Furathiocarb	< LOD	0.05	0.2	Hexythiazox	< LOD	0.05	0.2
Imazalil	< LOD	0.1	0.4	Imidacloprid	< LOD	0.05	0.2
Indoxacarb	< LOD	0.05	0.2	Iprovalicarb	< LOD	0.05	0.2
Isopropcarb	< LOD	0.075	0.25	Isoproturon	< LOD	0.05	0.15
Kresoxym-methyl	< LOD	0.1	0.3	Malathion	< LOD	0.05	0.2
Mandipropamid	< LOD	0.05	0.2	Mefenacet	< LOD	0.05	0.15
Metalaxydil	< LOD	0.033	0.1	Methabenzthiazul	< LOD	0.05	0.15
Methamidophos	< LOD	0.05	0.15	Methiocarb	< LOD		
Methomyl	< LOD	0.05	0.2	Methoprotynine	< LOD	0.05	0.2
Methoxyfenozide	< LOD	0.05	0.15	Mexacarbate	< LOD	0.033	0.1
Monocrotophos	< LOD	0.05	0.15	Myclobutanil	< LOD	0.075	0.25
Nitenpyram	< LOD	0.05	0.15	Omethoate	< LOD	0.05	0.2
Oxadixyl	< LOD	0.075	0.25	Oxamyl	< LOD	0.033	0.1
Paclobutrazol	< LOD	0.05	0.15	Permethrin	< LOD	0.05	0.2
Phosmet	< LOD			Picoxydostrobin	< LOD	0.05	0.2
Piperonyl Butoxide	< LOD	0.05	0.15	Pirimicarb	< LOD	0.05	0.15
Prometon	< LOD	0.05	0.2	Propamocarb	< LOD	0.04	0.125
Propargite	< LOD	0.05	0.15	Propoxur	< LOD	0.04	0.125
Pymetrozine	< LOD	0.05	0.2	Pyracarbolid	< LOD	0.04	0.125
Pyraclostrobin	< LOD	0.1	0.3	Pyrethrin I	< LOD		
Pyrethrin II	< LOD	0.075	0.25	Pyridaben	< LOD	0.05	0.2
Pyriproxyfen	< LOD	0.04	0.125	Quinoxifen	< LOD	0.033	0.1
Rotenone	< LOD	0.05	0.15	Spinosad A	< LOD	0.05	0.2
Spinosad D	< LOD	0.05	0.2	Spiromesifen	< LOD	0.04	0.125
Spirotetramat	< LOD	0.033	0.1	Spiroxamine	< LOD	0.05	0.15
Tebuconazole	< LOD			Tebufenozide	< LOD	0.05	0.15
Tebuthiuron	< LOD			Thiacloprid	< LOD	0.05	0.15
Thiamethoxam	< LOD	0.05	0.2	Thiobencarb	< LOD	0.05	0.2
Thiophanate-Methyl	< LOD	0.033	0.1	Tricyclazole	< LOD	0.05	0.15
Trifloxystrobin	< LOD	0.05	0.2	Triflumizole	< LOD	0.05	0.15
Uniconazole	< LOD	0.1	0.4	Vamidothion	< LOD	0.033	0.1
Zoxamide	< LOD	0.05	0.2				



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HEAVY METALS

	<u>µg/g</u>	LOD	LOQ
Arsenic (As)	< LOD	0.004	0.012
Cadmium (Cd)	< LOD	0.002	0.008
Lead (Pb)	< LOD	0.002	0.004
Mercury (Hg)	< LOD	0.004	0.018

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