



Atlas Agriscience, LLC

Certificate of Analysis



ATLAS HEMP, LLC

LAB#:200630-07

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Received: 06/29/2019
Analyzed: 11/07/2019
Reported: 03/10/2020

ANIMAL COOKIE

The is the lab results for the Animal Cookie Terpene Sample, ID:172

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.



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Ben Hanson
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TERPENES

GCMS

1.363% Total	mass %	mg/g	LOD	LOQ		mass %	mg/g	LOD	LOQ	
alpha-Pinene	0.028	0.28	0.006	0.02		beta-Pinene	0.075	0.75	0.03	0.05
Terpineol	0.023	0.23	0.07	0.23		Linalool	0.156	1.56	0.04	0.13
Camphene	0.009	0.09	0.008	0.09		Fenchol	0.03	0.3	0.02	0.09
Myrcene	0.068	0.68	0.02	0.07		Borneol	0.005	0.05	0.03	0.09
β-Eudesmol	0.035	0.35	0.02	0.09		Guaiol	0.2	2	0.01	0.09
D-Limonene	0.365	3.65	0.03	0.09		alpha-Bisabolol	0.089	0.89	0.03	0.09
BetaCaryophyllene	0.142	1.42	0.03	0.05		alpha-Farnesene	0.117	1.17	0.03	0.09
Humulene	0.017	0.17	0.03	0.11		cis-Nerolidol	0.004	0.04	0.03	0.09
Menthol	< LOD	< LOD	0.03	0.09		Camphor	< LOD	< LOD	0.01	0.09
Eucalyptol	< LOD	< LOD	0.05	0.19		Pulegone	< LOD	< LOD	0.03	0.09
alpha-Phellandrene	< LOD	< LOD	0.01	0.05		gamma-Terpinene	< LOD	< LOD	0.01	0.05
alpha-Terpinene	< LOD	< LOD	0.03	0.09		p-Cymene	< LOD	< LOD	0.01	0.09
Citronellol	< LOD	< LOD	0.04	0.09		cineole	< LOD	< LOD	0.03	0.09
cis-2-Pinanol	< LOD	< LOD	0.03	0.09		Cycloheptanone	< LOD	< LOD		
4-Carvomenthenol	< LOD	< LOD	0.03	0.09		Terpinolene	< LOD	< LOD	0.00016	0.0013
gamma-Terpineol	< LOD	< LOD	0.03	0.09		1,1-Dimethoxycyclohexane	< LOD	< LOD		
Fenchone	< LOD	< LOD	0.01	0.09		Dronabinol	< LOD	< LOD	0.03	0.09
Sabinene	< LOD	< LOD	0.1	0.32		Limonene	< LOD	< LOD	0.03	0.05
3-Carene	< LOD	< LOD	0.01	0.09		4-Thujanol	< LOD	< LOD	0.08	0.27
Cedrol	< LOD	< LOD	0.03	0.09		alpha-Bergamotene	< LOD	< LOD	0.03	0.09
Alloaromadendrene	< LOD	< LOD	0.03	0.09		beta-Thujone	< LOD	< LOD	0.03	0.09
alpha-Bulnesene	< LOD	< LOD	0.03	0.09		D-Menthol	< LOD	< LOD	0.03	0.09
Isopulegol	< LOD	< LOD	0.03	0.09		Carvone	< LOD	< LOD	0.03	0.09
alpha-Cedrene	< LOD	< LOD	0.03	0.32		beta-Thujene	< LOD	< LOD	0.03	0.09
Eudesmadiene	< LOD	< LOD	0.03	0.09		Geraniol	< LOD	< LOD	0.03	0.09
delta8-THC	< LOD	< LOD	0.03	0.09		Nerol	< LOD	< LOD	0.03	0.09
Cannabidiol	< LOD	< LOD	0.03	0.09		Geranyl Acetate	< LOD	< LOD	0.03	0.09
Caryophyllene oxide	< LOD	< LOD	0.03	0.09		Bisabolene	< LOD	< LOD	0.03	0.11
Phytol	< LOD	< LOD	0.03	0.09		beta-Farnesene	< LOD	< LOD	0.03	0.09
Germacrene B	< LOD	< LOD	0.03	0.09		beta-Ocimene	< LOD	< LOD	0.03	0.09
Nerolidol	< LOD	< LOD	0.03	0.09		Cannabigerol	< LOD	< LOD	0.03	0.09
alpha-Guaiene	< LOD	< LOD	0.03	0.09		alpha-Ocimene	< LOD	< LOD	0.03	0.09
cis-beta-ocimene	< LOD	< LOD	0.03	0.09		Caryophyllene	< LOD	< LOD	0.03	0.09
trans-2-Pinanol	< LOD	< LOD	0.03	0.09		trans-beta-Ocimene	< LOD	< LOD		
Isoborneol, (-)-	< LOD	< LOD	0.008	0.09		gamma-Elemene	< LOD	< LOD	0.03	0.09
Cannabigerolic Acid	< LOD	< LOD	0.03	0.09		beta-Elemene	< LOD	< LOD	0.03	0.09
Valencene	< LOD	< LOD	0.03	0.09		α-Thujone	< LOD	< LOD	0.03	0.09
Sabinene Hydrate	< LOD	< LOD	0.03	0.09		d9-THC	< LOD	< LOD	0.03	0.09

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



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CANNABINOIDS

									HPLC-PDA		
	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-Hydroxycarbofur	< 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
Benalaxyl	< 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-et	< 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	Epoxiconazole	< 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
Fenoxycarb	< 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	Furalaxyl	< 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
Isoprocarb	< 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
Metalaxyl	< LOD	0.033	0.1	Methabenzthiazu	< LOD	0.05	0.15
Methamidophos	< LOD	0.05	0.15	Methiocarb	< LOD		
Methomyl	< LOD	0.05	0.2	Methoprotryne	< 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			Picoxystrobin	< 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-Methy	< 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

	µg/g	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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