



Atlas Agriscience, LLC

Certificate of Analysis



ATLAS HEMP, LLC

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LAB#:116-March-2020

Received: 03/10/2020
Analyzed: 03/15/2020
Reported: 03/18/2020

SOUR ANIMAL

The is the lab results for the Sour Animal Terpene Sample, ID:69

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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TERPENES

GCMS

73.13% Total	mass %	mg/g	LOD	LOQ	mass %	mg/g	LOD	LOQ	
Valencene	0.5	5	0.03	0.09	cis-Nerolidol	0.15	1.5	0.03	0.09
Nerolidol	0.04	0.4	0.03	0.09	Humulene	3.61	36.1	0.03	0.11
beta-Farnesene	0.13	1.3	0.03	0.09	alpha-Farnesene	0.13	1.3	0.03	0.09
Bisabolene	1.18	11.8	0.03	0.11	Caryophyllene oxide	0.09	0.9	0.03	0.09
Terpineol	0.38	3.8	0.07	0.23	Fenchol	1.22	12.2	0.02	0.09
BetaCaryophyllene	14.43	144.3	0.03	0.05	Camphor	0.02	0.2	0.01	0.09
Borneol	0.17	1.7	0.03	0.09	Linalool	14.39	143.9	0.04	0.13
Sabinene Hydrate	0.03	0.3	0.03	0.09	alpha-Ocimene	0.05	0.5	0.03	0.09
Eucalyptol	0.04	0.4	0.05	0.19	beta-Ocimene	0.1	1	0.03	0.09
Camphene	0.53	5.3	0.008	0.09	alpha-Pinene	2.01	20.1	0.006	0.02
Myrcene	12.42	124.2	0.02	0.07	Terpinolene	0.22	2.2	0.00016	0.0013
D-Limonene	17.7	177	0.03	0.09	Fenchone	0.14	1.4	0.01	0.09
beta-Pinene	3.35	33.5	0.03	0.05	cineole	0.09	0.9	0.03	0.09
Menthol	< LOD	< LOD	0.03	0.09	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	cis-2-Pinanol	< LOD	< LOD	0.03	0.09
Cycloheptanone	< LOD	< LOD			alpha-Bisabolol	< LOD	< LOD	0.03	0.09
4-Carvomenthenol	< LOD	< LOD	0.03	0.09	gamma-Terpineol	< LOD	< LOD	0.03	0.09
1,1-Dimethoxycyclohexane	< LOD	< LOD			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
β-Eudesmol	< LOD	< LOD	0.02	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
Guaiol	< LOD	< LOD	0.01	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
Phytol	< LOD	< LOD	0.03	0.09	Germacrene B	< LOD	< LOD	0.03	0.09
Cannabigerol	< LOD	< LOD	0.03	0.09	alpha-Guaiene	< 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-Elementene	< LOD	< LOD	0.03	0.09
Cannabigerolic Acid	< LOD	< LOD	0.03	0.09	beta-Elementene	< LOD	< LOD	0.03	0.09
α-Thujone	< 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	Diclotophos	< 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	Quinxyfen	< 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-Meth	< 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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