



# Atlas Agriscience, LLC

## Certificate of Analysis



### ATLAS HEMP, LLC

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LAB#:200221-13

Received: 03/08/2019  
Analyzed: 07/16/2019  
Reported: 11/18/2019

### SOUR PINK LEMONADE

The is the lab results for the Sour Pink Lemonade Terpene Sample, ID:75

### 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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**atlas**  
agricience

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*James P. Roe*

Jim Roe  
Scientific Director

*Ben Hanson*

Ben Hanson  
Director QA/QC

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### TERPENES

<b>77.684% Total</b>	mass %	mg/g	LOD	LOQ	GCMS				
Terpinolene	0.165	1.65	0.00016	0.0013	Terpineol	0.503	5.03	0.07	0.23
Valencene	0.325	3.25	0.03	0.09	Camphor	0.016	0.16	0.01	0.09
Linalool	1.607	16.07	0.04	0.13	Camphene	0.298	2.98	0.008	0.09
alpha-Pinene	5.922	59.22	0.006	0.02	Citronellol	0.154	1.54	0.04	0.09
4-Carvomenthenol	0.019	0.19	0.03	0.09	Fenchone	0.172	1.72	0.01	0.09
beta-Pinene	3.969	39.69	0.03	0.05	Fenchol	0.93	9.3	0.02	0.09
Myrcene	40.933	409.33	0.02	0.07	Borneol	0.158	1.58	0.03	0.09
D-Menthol	0.022	0.22	0.03	0.09	D-Limonene	12.577	125.77	0.03	0.09
Nerol	0.154	1.54	0.03	0.09	Caryophyllene oxide	0.025	0.25	0.03	0.09
Bisabolene	1.825	18.25	0.03	0.11	BetaCaryophyllene	4.355	43.55	0.03	0.05
alpha-Farnesene	0.886	8.86	0.03	0.09	beta-Farnesene	0.769	7.69	0.03	0.09
Humulene	1.017	10.17	0.03	0.11	beta-Ocimene	0.648	6.48	0.03	0.09
Nerolidol	0.059	0.59	0.03	0.09	cis-Nerolidol	0.155	1.55	0.03	0.09
alpha-Ocimene	0.019	0.19	0.03	0.09	Eucalyptol	< LOD	< LOD	0.05	0.19
Menthol	< LOD	< LOD	0.03	0.09	alpha-Phellandrene	< LOD	< LOD	0.01	0.05
Pulegone	< LOD	< LOD	0.03	0.09	alpha-Terpinene	< LOD	< LOD	0.03	0.09
gamma-Terpinene	< LOD	< LOD	0.01	0.05	cineole	< LOD	< LOD	0.03	0.09
p-Cymene	< LOD	< LOD	0.01	0.09	gamma-Terpineol	< LOD	< LOD	0.03	0.09
cis-2-Pinanol	< LOD	< LOD	0.03	0.09	Sabinene	< LOD	< LOD	0.1	0.32
Dronabinol	< LOD	< LOD	0.03	0.09	3-Carene	< LOD	< LOD	0.01	0.09
Limonene	< LOD	< LOD	0.03	0.05	Cedrol	< LOD	< LOD	0.03	0.09
4-Thujanol	< LOD	< LOD	0.08	0.27	Alloaromadendrene	< LOD	< LOD	0.03	0.09
alpha-Bergamotene	< LOD	< LOD	0.03	0.09	β-Eudesmol	< LOD	< LOD	0.02	0.09
beta-Thujone	< LOD	< LOD	0.03	0.09	Isopulegol	< LOD	< LOD	0.03	0.09
alpha-Bulnesene	< LOD	< LOD	0.03	0.09	Carvone	< LOD	< LOD	0.03	0.09
Guaiol	< LOD	< LOD	0.01	0.09	beta-Thujene	< LOD	< LOD	0.03	0.09
alpha-Cedrene	< LOD	< LOD	0.03	0.32	Geraniol	< LOD	< LOD	0.03	0.09
Eudesmadiene	< LOD	< LOD	0.03	0.09	Cannabidiol	< LOD	< LOD	0.03	0.09
delta8-THC	< LOD	< LOD	0.03	0.09	alpha-Bisabolol	< LOD	< LOD	0.03	0.09
Geranyl Acetate	< LOD	< LOD	0.03	0.09	Germacrene B	< LOD	< LOD	0.03	0.09
Phytol	< LOD	< LOD	0.03	0.09	alpha-Guaiene	< LOD	< LOD	0.03	0.09
Cannabigerol	< LOD	< LOD	0.03	0.09	Caryophyllene	< LOD	< LOD	0.03	0.09
cis-beta-ocimene	< LOD	< LOD	0.03	0.09	Isoborneol, (-)	< LOD	< LOD	0.008	0.09
trans-2-Pinanol	< LOD	< LOD	0.03	0.09	Cannabigerolic Acid	< LOD	< LOD	0.03	0.09
gamma-Elemene	< LOD	< LOD	0.03	0.09	α-Thujone	< LOD	< LOD	0.03	0.09
beta-Elemene	< LOD	< LOD	0.03	0.09	d9-THC	< LOD	< LOD	0.03	0.09
Sabinene Hydrate	< LOD	< LOD	0.03	0.09					

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



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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-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
Benalaxyd	< 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
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	Furalaxyd	< 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
Metalaxyd	< 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			Picoxytostrobin	< 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	Quinoxyfen	< 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

	<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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