



Atlas Agriscience, LLC

Certificate of Analysis



ATLAS HEMP, LLC

REF#: 121-March-2020

980 S Harney St.
Seattle, WA 98108
sales@atlashemp.com
1-800-801-ATLAS

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

ICE CREAM CAKE

The is the lab results for the Ice Cream Cake Terpene Sample, ID:121

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
Tukwila, WA 98188
(253) 277-3563
www.atlasagriscience.com

Jim Roe
Scientific Director

Ben Hanson
Director QA/QC

This product has been tested by Atlas Agriscience using valid testing methodologies and a quality system as required by state law. Values reported relate only to the product tested. Atlas Agriscience makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Atlas Agriscience



FLAVORS & AROMATIC COMPOUNDS

Total	µg/g	LOD	LOQ		µg/g	LOD	LOQ	HPLC-F
Cis-3-Hexen-1-ol	0.001	0.001	0.001	Methyl hexanoate	0.0005	0.001	0.001	
Methyl anthranilate	0.001	0.001	0.001	Ethyl propionate	0.00025	0.001	0.001	
Isoamyl butyrate	0.001	0.001	0.001	Furaneol	0.0005	0.001	0.001	
Octanal	0.00025	0.001	0.001	Propionate	0	0.001	0.001	
Citral	0.00025	0.001	0.001	Decanal	0	0.001	0.001	
Isoamyl acetate	0.001	0.001	0.001	Ethyl butyrate	0.0005	0.001	0.001	
Butyl propionate	0	0.001	0.001	Ethyl hexanoate	0.001	0.001	0.001	
Ethyl isovalerate	0.00025	0.001	0.001	Propyl hexanoate	0.0005	0.001	0.001	
Allyl hexanoate	0.00025	0.001	0.001	Geranyl butyrate	0.00025	0.001	0.001	
Methyl butyrate	0.00025	0.001	0.001	Butyl acetate	0.00025	0.001	0.001	
Isobutyl acetate	0.00025	0.001	0.001		0	0.001	0.001	

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



18251 Cascade Avenue S
Tukwila, WA 98188
(253) 277-3563
www.atlasagriscience.com

James P. Roe

Jim Roe
Scientific Director

Ben Hanson

Ben Hanson
Director QA/QC

This product has been tested by Atlas Agriscience using valid testing methodologies and a quality system as required by state law. Values reported relate only to the product tested. Atlas Agriscience makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Atlas Agriscience.



TERPENES

GCMS

70.13% Total	mass %	mg/g	LOD	LOQ	mass %	mg/g	LOD	LOQ	
Camphor	0.05	0.5	0.01	0.09	D-Limonene	25.46	254.6	0.03	0.09
Geraniol	0.01	0.1	0.03	0.09	Caryophyllene oxide	0.44	4.4	0.03	0.09
Bisabolene	1.17	11.7	0.03	0.11	BetaCaryophyllene	8.84	88.4	0.03	0.05
alpha-Farnesene	0.31	3.1	0.03	0.09	beta-Farnesene	1.42	14.2	0.03	0.09
Humulene	2.06	20.6	0.03	0.11	beta-Ocimene	0.79	7.9	0.03	0.09
cis-Nerolidol	0.06	0.6	0.03	0.09	alpha-Ocimene	0.04	0.4	0.03	0.09
D-Menthol	0.04	0.4	0.03	0.09	Borneol	0.31	3.1	0.03	0.09
Linalool	8.83	88.3	0.04	0.13	Camphene	0.72	7.2	0.008	0.09
Citronellol	0.02	0.2	0.04	0.09	4-Carvomenthenol	0.03	0.3	0.03	0.09
Terpinolene	0.43	4.3	0.00016	0.0013	Fenchone	0.52	5.2	0.01	0.09
beta-Pinene	4.63	46.3	0.03	0.05	Fenchol	2.63	26.3	0.02	0.09
Terpineol	1.06	10.6	0.07	0.23	Myrcene	6.5	65	0.02	0.07
Valencene	0.45	4.5	0.03	0.09	alpha-Pinene	3.32	33.2	0.006	0.02
Hashishene	< LOD	< LOD	0.03	0.09	Carbon Dioxide	< LOD	< LOD	0.03	0.09
Citric Acid	< LOD	< LOD	0.03	0.09	Octane	< LOD	< LOD	0.03	0.09
Octanal	< LOD	< LOD	0.03	0.09	Guaiacol	< LOD	< LOD	0.03	0.09
Malic Acid	< LOD	< LOD	0.03	0.09	Edible Alcohol	< LOD	< LOD	0.03	0.09
Glycerol	< LOD	< LOD	0.03	0.09	1-Octanol	< LOD	< LOD	0.03	0.09
Distilled Water	< LOD	< LOD	0.03	0.09	Propylene glycol	< LOD	< LOD	0.03	0.09
Toluene	< LOD	< LOD	0.03	0.09	Vanillin	< LOD	< LOD	0.03	0.09
Menthol	< LOD	< LOD	0.03	0.09	CBN	< LOD	< LOD	0.03	0.09
Eucalyptol	< LOD	< LOD	0.05	0.19	Decanoic acid	< LOD	< LOD	0.03	0.09
THC	< LOD	< LOD	0.03	0.09	1-Pentanol	< LOD	< LOD	0.03	0.09
Bornyl acetate	< LOD	< LOD	0.03	0.09	Ethyl methylphenylglycidole	< LOD	< LOD	0.03	0.09
Tetraethyl orthosilicate	< LOD	< LOD	0.03	0.09	bisphenol a	< LOD	< LOD	0.03	0.09
Cyclotene	< LOD	< LOD	0.03	0.09	piperitone	< LOD	< LOD	0.03	0.09
Pulegone	< LOD	< LOD	0.03	0.09	Thymol	< LOD	< LOD	0.03	0.09
Methyl eugenol	< LOD	< LOD	0.03	0.09	Ethyl lactate	< LOD	< LOD	0.03	0.09
Isobutyl isobutyrate	< 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	gamma-Octanoic lactone	< LOD	< LOD	0.03	0.09
Gamma-undecalactone	< LOD	< LOD	0.03	0.09	Ethyl propionate	< LOD	< LOD	0.03	0.09
Ethyl butyrate	< LOD	< LOD	0.03	0.09	isoamyl propionate	< LOD	< LOD	0.03	0.09
Citronellal	< LOD	< LOD	0.03	0.09	isoamyl butyrate	< LOD	< LOD	0.03	0.09
ethyl heptanoate	< LOD	< LOD	0.03	0.09	Methyl hexanoate	< LOD	< LOD	0.03	0.09
methyl heptanoate	< LOD	< LOD	0.03	0.09	Isopropyl acetate	< LOD	< LOD	0.03	0.09
Ethyl isovalerate	< LOD	< LOD	0.03	0.09	Butyl butyrate	< LOD	< LOD	0.03	0.09
Isobutyl acetate	< LOD	< LOD	0.03	0.09	2-Heptanone	< LOD	< LOD	0.03	0.09
methyl octanoate	< LOD	< LOD	0.03	0.09	1-Hexanol	< LOD	< LOD	0.03	0.09
1-Heptanol	< LOD	< LOD	0.03	0.09	Heptanal	< LOD	< LOD	0.03	0.09
octyl acetate	< LOD	< LOD	0.03	0.09	decanal	< LOD	< LOD	0.03	0.09
Linalyl acetate	< LOD	< LOD	0.03	0.09	2-Methylbutyric Acid	< LOD	< LOD	0.03	0.09
Maltol	< LOD	< LOD	0.03	0.09	Ethyl vanillin	< LOD	< LOD	0.03	0.09
Methyl anthranilate	< LOD	< LOD	0.03	0.09	Butyl lactate	< LOD	< LOD	0.03	0.09
Methyl chavicol	< LOD	< LOD	0.03	0.09	Ethyl acetate	< LOD	< LOD	0.03	0.09
pyridinol	< LOD	< LOD	0.03	0.09	Hexanoic acid	< LOD	< LOD	0.03	0.09
Hexyl acetate	< LOD	< LOD	0.03	0.09	Citronellyl acetate (di-citron)	< LOD	< LOD	0.03	0.09
6-Methyl-5-hepten-2-one	< LOD	< LOD	0.03	0.09	cineole	< LOD	< LOD	0.03	0.09
cis-2-Pinanol	< LOD	< LOD	0.03	0.09	Carvacrol	< LOD	< LOD	0.03	0.09
Cycloheptanone	< LOD	< LOD	0.03	0.09	alpha-Bisabolol	< LOD	< LOD	0.03	0.09
beta-Cadinene	< LOD	< LOD	0.03	0.09	O-Cymene	< LOD	< LOD	0.03	0.09
m-cymene	< LOD	< LOD	0.03	0.09	Pentyl butyrate	< LOD	< LOD	0.03	0.09
Isobutyl propionate	< LOD	< LOD	0.03	0.09	Beta-Phellandrene	< LOD	< LOD	0.03	0.09
gamma-Terpineol	< LOD	< LOD	0.03	0.09	Butyl propionate	< LOD	< LOD	0.03	0.09
3-Methylbutanal	< LOD	< LOD	0.03	0.09	5-Methylfurfural	< LOD	< LOD	0.03	0.09
Methyl butyrate	< LOD	< LOD	0.03	0.09	Propyl hexanoate	< LOD	< LOD	0.03	0.09
Pentyl acetate	< LOD	< LOD	0.03	0.09	phytane	< LOD	< LOD	0.03	0.09
Octadecanal	< LOD	< LOD	0.03	0.09	valerolactam	< LOD	< LOD	0.03	0.09
gamma-Caprolactone	< LOD	< LOD	0.03	0.09	delta-Dodecalactone	< LOD	< LOD	0.03	0.09
2-nonanone	< LOD	< LOD	0.03	0.09	1,1-Dimethoxycyclohexane	< LOD	< LOD	0.03	0.09
2-Acetylpyrrole	< LOD	< LOD	0.03	0.09	2,3,5,6-Tetramethylpyrazine	< LOD	< LOD	0.03	0.09
Dronabinol	< LOD	< LOD	0.03	0.09	d-carvone	< LOD	< LOD	0.03	0.09
Hexyl isobutyrate	< LOD	< LOD	0.03	0.09	Hexyl butyrate	< LOD	< LOD	0.03	0.09
Allyl cyclohexanepropionate	< LOD	< LOD	0.03	0.09	alpha-Thujene	< LOD	< LOD	0.03	0.09
Sabinene	< LOD	< LOD	0.1	0.32	Furaneol AKA 4-Hydroxy-2,5-dimethyl-2,5-dihydrofuran	< LOD	< LOD	0.03	0.09
Ethyl maltol	< LOD	< LOD	0.03	0.09	2,3-Dimethylpyrazine	< LOD	< LOD	0.03	0.09
Linalyl oxide	< LOD	< LOD	0.03	0.09	Limonene	< LOD	< LOD	0.03	0.05
Hexyl hexanoate	< LOD	< LOD	0.03	0.09	Ethyl 2-methylbutyrate	< LOD	< LOD	0.03	0.09

3-Carene	< LOD	< LOD	0.01	0.09	l-menthone	< LOD	< LOD	0.03	0.09
2,3,5-Trimethylpyrazine	< LOD	< LOD	0.03	0.09	Rose oxide	< LOD	< LOD	0.03	0.09
menthyl acetate	< LOD	< LOD	0.03	0.09	verbenone	< LOD	< LOD	0.03	0.09
CBC	< LOD	< LOD	0.03	0.09	Acetylpyrazine - 1,4-Dihydro-2	< LOD	< LOD	0.03	0.09
4-Methoxybenzaldehyde	< LOD	< LOD	0.03	0.09	Ethyl nonanoate	< LOD	< LOD	0.03	0.09
Ethyl hexanoate	< LOD	< LOD	0.03	0.09	Allyl hexanoate	< LOD	< LOD	0.03	0.09
Butyl acetate	< LOD	< LOD	0.03	0.09	Isoamyl acetate	< LOD	< LOD	0.03	0.09
Nonanal	< LOD	< LOD	0.03	0.09	Melonal	< LOD	< LOD	0.03	0.09
safranal	< LOD	< LOD	0.03	0.09	delta-Undecalactone	< LOD	< LOD	0.03	0.09
Ethyl 3-(methylthio)propionate	< LOD	< LOD	0.03	0.09	Methyl 3-(methylthio)propionate	< LOD	< LOD	0.03	0.09
p-Mentha-8-thiol-3-one	< LOD	< LOD	0.03	0.09	1-Phenylethyl acetate	< LOD	< LOD	0.03	0.09
4-Thujanol	< LOD	< LOD	0.08	0.27	2-Isopropyl-N,2,3-trimethylbut	< LOD	< LOD	0.03	0.09
Cedrol	< LOD	< LOD	0.03	0.09	beta-Terpinene	< LOD	< LOD	0.03	0.09
lupulone	< LOD	< LOD	0.03	0.09	Perillene	< LOD	< LOD	0.03	0.09
d-isomenthone	< LOD	< LOD	0.03	0.09	Sucralose	< LOD	< LOD	0.03	0.09
(-)-Catechin	< LOD	< LOD	0.03	0.09	Rhodinol	< LOD	< LOD	0.03	0.09
alpha-Bergamotene	< LOD	< LOD	0.03	0.09	Hexyl propanoate	< LOD	< LOD	0.03	0.09
Bulnesol	< 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
Elemol	< LOD	< LOD	0.03	0.09	gamma-Cadinene	< LOD	< LOD	0.03	0.09
Ledol	< LOD	< LOD	0.03	0.09	THCV	< LOD	< LOD	0.03	0.09
delta-Guaiene	< LOD	< LOD	0.03	0.09	2-methyl butyl isobutyrate	< LOD	< LOD	0.03	0.09
THCA	< LOD	< LOD	0.03	0.09	Strawberry fragaria vesca	< LOD	< LOD	0.03	0.09
Camphene hydrate	< LOD	< LOD	0.03	0.09	isoterpinolene	< LOD	< LOD	0.03	0.09
Linalool, oxide	< LOD	< LOD	0.03	0.09	CBDA	< LOD	< LOD	0.03	0.09
Isopulegol	< LOD	< LOD	0.03	0.09	(2S)-2-Hydroxybutanedioic Acid	< LOD	< LOD	0.03	0.09
Guaiol	< LOD	< LOD	0.01	0.09	3-octanone	< LOD	< LOD	0.03	0.09
Longifolene	< LOD	< LOD	0.03	0.09	Hinesol	< LOD	< LOD	0.03	0.09
colupulone	< LOD	< LOD	0.03	0.09	Carvone	< LOD	< LOD	0.03	0.09
alpha-Cedrene	< LOD	< LOD	0.03	0.32	alpha-Cubebene	< LOD	< LOD	0.03	0.09
beta-Selinene	< LOD	< LOD	0.03	0.09	alpha-Ylangene	< LOD	< LOD	0.03	0.09
farnesol 1	< LOD	< LOD	0.03	0.09	TransLimonene oxide	< LOD	< LOD	0.03	0.09
mercaptohexyl acetate	< LOD	< LOD	0.03	0.09	isoamyl isobutyrate	< LOD	< LOD	0.03	0.09
beta-Thujene	< LOD	< LOD	0.03	0.09	Junipercamphor	< LOD	< LOD	0.03	0.09
gamma-Patchoulene	< LOD	< LOD	0.03	0.09	gamma-Selinene	< LOD	< LOD	0.03	0.09
Eudesmadiene	< LOD	< LOD	0.03	0.09	6/9-Guaiadiene	< LOD	< LOD	0.03	0.09
Vanillyl acetate	< LOD	< LOD	0.03	0.09	terpinyl butyrate	< LOD	< LOD	0.03	0.09
alpha-Panasinsen	< LOD	< LOD	0.03	0.09	THCAA	< LOD	< LOD	0.03	0.09
Phytol acetate	< LOD	< LOD	0.03	0.09	Methyl cinnamate	< LOD	< LOD	0.03	0.09
citral	< LOD	< LOD	0.03	0.09	beta-Ionone	< LOD	< LOD	0.03	0.09
delta8-THC	< LOD	< LOD	0.03	0.09	squalene	< LOD	< LOD	0.03	0.09
Nerol	< LOD	< LOD	0.03	0.09	CBD	< LOD	< LOD	0.03	0.09
nootkatone	< LOD	< LOD	0.03	0.09	Geranyl Acetate	< LOD	< LOD	0.03	0.09
2-Ethyl-3-hydroxy-4H-pyran-2-one	< LOD	< LOD	0.03	0.09	Phytol	< LOD	< LOD	0.03	0.09
5.78 Ethyl tiglate	< LOD	< LOD	0.03	0.09	cis-3-Hexen-1-ol	< LOD	< LOD	0.03	0.09
Germacrene B	< LOD	< LOD	0.03	0.09	Mangiferin	< LOD	< LOD	0.03	0.09
alpha-Ionone	< LOD	< LOD	0.03	0.09	2-Decenoic acid	< LOD	< LOD	0.03	0.09
trans-3-Hexen-1-ol	< LOD	< LOD	0.03	0.09	Nerolidol	< LOD	< LOD	0.03	0.09
CBG	< 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	(Z)-3-Hexenyl butyrate	< LOD	< LOD	0.03	0.09
cis-3-Hexenyl hexanoate	< LOD	< LOD	0.03	0.09	Geranyl butyrate	< LOD	< LOD	0.03	0.09
cis-3-Hexenyl acetate	< LOD	< LOD	0.03	0.09	(2E)-2-Methyl-2-pentenedioic Acid	< LOD	< LOD	0.03	0.09
Methyl geranate	< LOD	< LOD	0.03	0.09	alpha-Damascone	< LOD	< LOD	0.03	0.09
Hotrienol	< LOD	< LOD	0.03	0.09	trans-beta-Ocimene	< LOD	< LOD	0.03	0.09
(E)-beta-Damascone	< LOD	< LOD	0.03	0.09	Isoborneol, (-)	< LOD	< LOD	0.008	0.09
Zonarene	< LOD	< LOD	0.03	0.09	Selina-3/7(11)-diene	< LOD	< LOD	0.03	0.09
trans-alpha-Bergamotene	< LOD	< LOD	0.03	0.09	10-epi-gamma-Eudesmol	< LOD	< LOD	0.03	0.09
beta-Acorenol	< LOD	< LOD	0.03	0.09	gamma-Eudesmol	< LOD	< LOD	0.03	0.09
gamma-Muurolene	< LOD	< LOD	0.03	0.09	gamma-Elemene	< LOD	< LOD	0.03	0.09
alpha-Bulnesene	< LOD	< LOD	0.03	0.09	farnesol 2	< LOD	< LOD	0.03	0.09
Ethyl linalool	< LOD	< LOD	0.03	0.09	Cannabigerolic Acid	< LOD	< LOD	0.03	0.09
beta-Elemene	< LOD	< LOD	0.03	0.09	1r-endo-fenchyl-alcohol	< LOD	< LOD	0.03	0.09
Butter	< LOD	< LOD	0.03	0.09	L-Carnitine-L-tartrate	< LOD	< LOD	0.03	0.09
Mung Bean Powder	< LOD	< LOD	0.03	0.09	beta-Bisabolene	< LOD	< LOD	0.03	0.09
Allohimachalol	< LOD	< LOD	0.03	0.09	Humulene epoxide II	< LOD	< LOD	0.03	0.09
alpha-Selinene	< LOD	< LOD	0.03	0.09	Sativene	< LOD	< LOD	0.03	0.09
beta-Himachalene	< LOD	< LOD	0.03	0.09	CBDV	< LOD	< LOD	0.03	0.09
beta-Pinene oxide	< LOD	< LOD	0.03	0.09	α-Thujone	< LOD	< LOD	0.03	0.09
alpha-Muurolene	< LOD	< LOD	0.03	0.09	alpha-Amorphene	< LOD	< LOD	0.03	0.09
Sabinene Hydrate	< LOD	< LOD	0.03	0.09	Bicyclogermacrene	< LOD	< LOD	0.03	0.09
beta-Guaiene	< LOD	< LOD	0.03	0.09	alpha-Gurjunene	< LOD	< LOD	0.03	0.09
Tabanone	< LOD	< LOD	0.03	0.09	4-methyl-butyric-acid	< LOD	< LOD	0.03	0.09
allo-Aromadendrene	< LOD	< LOD	0.03	0.09	CBGVA	< LOD	< LOD	0.03	0.09
CBDVA	< LOD	< LOD	0.03	0.09	alpha-Copaene	< LOD	< LOD	0.03	0.09
gamma-Vetivenene	< LOD	< LOD	0.03	0.09	cis-alpha-Bergamotene	< LOD	< LOD	0.03	0.09
unknown	< LOD	< LOD	0.03	0.09	Corn Flour	< LOD	< LOD	0.03	0.09
6/7-Epoxymyrcene	< LOD	< LOD	0.03	0.09	Sabine	< LOD	< LOD	0.03	0.09
d9-THC	< 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 Swingle	< LOD	< LOD	0.03	0.09
Fatty Acid	< LOD	< LOD	0.03	0.09	Coco Extract	< LOD	< LOD	0.03	0.09

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



18251 Cascade Avenue S
 Tukwila, WA 98188
 (253) 277-3563
www.atlasagriscience.com

James P. Roe

 Jim Roe
 Scientific Director

Ben Hanson

 Ben Hanson
 Director QA/QC

This product has been tested by Atlas Agriscience using valid testing methodologies and a quality system as required by state law. Values reported relate only to the product tested. Atlas Agriscience makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Atlas Agriscience



CANNABINOIDS

										HPLC-PDA
	mass %	mg/g	LOD	LOQ		mass %	mg/g	LOD	LOQ	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	

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



18251 Cascade Avenue S
Tukwila, WA 98188
(253) 277-3563
www.atlasagriscience.com

James P. Roe

Jim Roe
Scientific Director

Ben Hanson

Ben Hanson
Director QA/QC

This product has been tested by Atlas Agriscience using valid testing methodologies and a quality system as required by state law. Values reported relate only to the product tested. Atlas Agriscience makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Atlas Agriscience.



PESTICIDES

3-Hydroxycarbofure	< 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-etl	< 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	Etoazole	< 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	Vamidotion	< LOD	0.033	0.1
Zoxamide	< LOD	0.05	0.2				



18251 Cascade Avenue S
Tukwila, WA 98188
(253) 277-3563
www.atlasagriscience.com

James P. Roe

Jim Roe
Scientific Director

Ben Hanson

Ben Hanson
Director QA/QC



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

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



18251 Cascade Avenue S
Tukwila, WA 98188
(253) 277-3563
www.atlasagriscience.com

James P. Roe

Jim Roe
Scientific Director

Ben Hanson

Ben Hanson
Director QA/QC

This product has been tested by Atlas Agriscience using valid testing methodologies and a quality system as required by state law. Values reported relate only to the product tested. Atlas Agriscience makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Atlas Agriscience