



Atlas Agriscience, LLC

Certificate of Analysis



ATLAS HEMP, LLC

REF#: BMF-RECIPES-1

980 S Harney St.
Seattle, WA 98108
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Received: 08/09/2024
Analyzed: 08/13/2024
Reported: 08/24/2024

BLUE DREAM

The is the lab results for the Blue Dream Terpene Sample, ID:7

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
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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 | 0.00025 | 0.001 | 0.001 | |
| Isoamyl acetate | 0.001 | 0.001 | 0.001 | Ethyl butyrate | 0 | 0.001 | 0.001 | |
| Butyl propionate | 0 | 0.001 | 0.001 | BUTYL PROPIONATE | 0.001 | 0.001 | 0.001 | |
| ETHYL BUTYRATE | 0.0005 | 0.001 | 0.001 | Methyl cinnamate | 0.00025 | 0.001 | 0.001 | |
| Propyl hexanoate | 0.00025 | 0.001 | 0.001 | Octyl acetate | 0.0005 | 0.001 | 0.001 | |
| Ethyl hexanoate | 0.001 | 0.001 | 0.001 | | | | | |

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



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TERPENES


GCMS

| % Total | mass % | mg/g | LOD | LOQ | mass % | mg/g | LOD | LOQ | |
|-----------------------------------|--------|-------|------|------|--|--------|-------|---------|--------|
| Borneol | 0.0003 | 0.003 | 0.03 | 0.09 | Alloaromadendrene | 0.0019 | 0.019 | 0.03 | 0.09 |
| Camphor | 0.0001 | 0.001 | 0.01 | 0.09 | D-Limonene | 0.0522 | 0.522 | 0.03 | 0.09 |
| Caryophyllene oxide | 0.0002 | 0.002 | 0.03 | 0.09 | BetaCaryophyllene | 0.0601 | 0.601 | 0.03 | 0.05 |
| alpha-Farnesene | 0.0012 | 0.012 | 0.03 | 0.09 | beta-Farnesene | 0.005 | 0.05 | 0.03 | 0.09 |
| Myrcene | 0.555 | 5.55 | 0.02 | 0.07 | Fenchol | 0.0048 | 0.048 | 0.02 | 0.09 |
| beta-Pinene | 0.0792 | 0.792 | 0.03 | 0.05 | Camphene | 0.003 | 0.03 | 0.008 | 0.09 |
| Sabinene Hydrate | 0.0004 | 0.004 | 0.03 | 0.09 | Eucalyptol | 0.0012 | 0.012 | 0.05 | 0.19 |
| Linalool | 0.0259 | 0.259 | 0.04 | 0.13 | alpha-Pinene | 0.1794 | 1.794 | 0.006 | 0.02 |
| gamma-Terpinene | 0.0002 | 0.002 | 0.01 | 0.05 | Terpinolene | 0.0012 | 0.012 | 0.00016 | 0.0013 |
| gamma-Terpineol | 0.0019 | 0.019 | 0.03 | 0.09 | Fenchone | 0.0007 | 0.007 | 0.01 | 0.09 |
| Humulene | 0.0142 | 0.142 | 0.03 | 0.11 | Carbon Dioxide | < LOD | < LOD | 0.03 | 0.09 |
| Hashishene | < LOD | < LOD | 0.03 | 0.09 | Octane | < LOD | < LOD | 0.03 | 0.09 |
| Citric Acid | < LOD | < LOD | 0.03 | 0.09 | Guaiaicol | < LOD | < LOD | 0.03 | 0.09 |
| Octanal | < LOD | < LOD | 0.03 | 0.09 | Edible Alcohol | < LOD | < LOD | 0.03 | 0.09 |
| Malic Acid | < LOD | < LOD | 0.03 | 0.09 | 1-Octanol | < LOD | < LOD | 0.03 | 0.09 |
| Glycerol | < LOD | < LOD | 0.03 | 0.09 | Propylene glycol | < LOD | < LOD | 0.03 | 0.09 |
| Distilled Water | < LOD | < LOD | 0.03 | 0.09 | Vanillin | < LOD | < LOD | 0.03 | 0.09 |
| Toluene | < LOD | < LOD | 0.03 | 0.09 | CBN | < LOD | < LOD | 0.03 | 0.09 |
| Menthol | < LOD | < LOD | 0.03 | 0.09 | THC | < LOD | < LOD | 0.03 | 0.09 |
| Decanoic acid | < LOD | < LOD | 0.03 | 0.09 | Bornyl acetate | < LOD | < LOD | 0.03 | 0.09 |
| 1-Pentanol | < LOD | < LOD | 0.03 | 0.09 | Tetraethyl orthosilicate | < LOD | < LOD | 0.03 | 0.09 |
| Ethyl methylphenylglycidate | < LOD | < LOD | 0.03 | 0.09 | Cyclotene | < LOD | < LOD | 0.03 | 0.09 |
| bisphenol a | < LOD | < LOD | 0.03 | 0.09 | Pulegone | < LOD | < LOD | 0.03 | 0.09 |
| piperitone | < LOD | < LOD | 0.03 | 0.09 | Methyl eugenol | < LOD | < LOD | 0.03 | 0.09 |
| Thymol | < LOD | < LOD | 0.03 | 0.09 | Isobutyl isobutyrate | < LOD | < LOD | 0.03 | 0.09 |
| Ethyl lactate | < LOD | < LOD | 0.03 | 0.09 | alpha-Terpinene | < LOD | < LOD | 0.03 | 0.09 |
| alpha-Phellandrene | < LOD | < LOD | 0.01 | 0.05 | gamma-Octanoic lactone | < LOD | < LOD | 0.03 | 0.09 |
| p-Cymene | < LOD | < LOD | 0.01 | 0.09 | Ethyl propionate | < LOD | < LOD | 0.03 | 0.09 |
| Gamma-undecalactone | < LOD | < LOD | 0.03 | 0.09 | isoamyl propionate | < LOD | < LOD | 0.03 | 0.09 |
| Ethyl butyrate | < LOD | < LOD | 0.03 | 0.09 | isoamyl butyrate | < LOD | < LOD | 0.03 | 0.09 |
| Citronellal | < LOD | < LOD | 0.03 | 0.09 | Methyl hexanoate | < LOD | < LOD | 0.03 | 0.09 |
| ethyl heptanoate | < LOD | < LOD | 0.03 | 0.09 | Isopropyl acetate | < LOD | < LOD | 0.03 | 0.09 |
| methyl heptanoate | < LOD | < LOD | 0.03 | 0.09 | Butyl butyrate | < LOD | < LOD | 0.03 | 0.09 |
| Ethyl isovalerate | < LOD | < LOD | 0.03 | 0.09 | 2-Heptanone | < LOD | < LOD | 0.03 | 0.09 |
| Isobutyl acetate | < LOD | < LOD | 0.03 | 0.09 | 1-Hexanol | < LOD | < LOD | 0.03 | 0.09 |
| methyl octanoate | < LOD | < LOD | 0.03 | 0.09 | Heptanal | < LOD | < LOD | 0.03 | 0.09 |
| 1-Heptanol | < LOD | < LOD | 0.03 | 0.09 | decanal | < LOD | < LOD | 0.03 | 0.09 |
| octyl acetate | < LOD | < LOD | 0.03 | 0.09 | 2-Methylbutyric Acid | < LOD | < LOD | 0.03 | 0.09 |
| Linalyl acetate | < LOD | < LOD | 0.03 | 0.09 | Ethyl vanillin | < LOD | < LOD | 0.03 | 0.09 |
| Maltol | < LOD | < LOD | 0.03 | 0.09 | Butyl lactate | < LOD | < LOD | 0.03 | 0.09 |
| Methyl anthranilate | < LOD | < LOD | 0.03 | 0.09 | Citronellol | < LOD | < LOD | 0.04 | 0.09 |
| Methyl chavicol | < LOD | < LOD | 0.03 | 0.09 | pyridinol | < LOD | < LOD | 0.03 | 0.09 |
| Ethyl acetate | < LOD | < LOD | 0.03 | 0.09 | Hexyl acetate | < LOD | < LOD | 0.03 | 0.09 |
| Hexanoic acid | < LOD | < LOD | 0.03 | 0.09 | 6-Methyl-5-hepten-2-one | < LOD | < LOD | 0.03 | 0.09 |
| Citronellyl acetate (dl-Citronel) | < LOD | < LOD | 0.03 | 0.09 | cis-2-Pinanol | < LOD | < LOD | 0.03 | 0.09 |
| cineole | < LOD | < LOD | 0.03 | 0.09 | Cycloheptanone | < LOD | < LOD | 0.03 | 0.09 |
| Carvacrol | < LOD | < LOD | 0.03 | 0.09 | beta-Cadinene | < LOD | < LOD | 0.03 | 0.09 |
| alpha-Bisabolol | < LOD | < LOD | 0.03 | 0.09 | m-cymene | < LOD | < LOD | 0.03 | 0.09 |
| O-Cymene | < LOD | < LOD | 0.03 | 0.09 | Isobutyl propionate | < LOD | < LOD | 0.03 | 0.09 |
| Pentyl butyrate | < LOD | < LOD | 0.03 | 0.09 | 4-Carvomenthenol | < LOD | < LOD | 0.03 | 0.09 |
| Beta-Phellandrene | < LOD | < LOD | 0.03 | 0.09 | 3-Methylbutanal | < LOD | < LOD | 0.03 | 0.09 |
| Butyl propionate | < LOD | < LOD | 0.03 | 0.09 | Methyl butyrate | < LOD | < LOD | 0.03 | 0.09 |
| 5-Methylfurfural | < LOD | < LOD | 0.03 | 0.09 | Pentyl acetate | < LOD | < LOD | 0.03 | 0.09 |
| Propyl hexanoate | < LOD | < LOD | 0.03 | 0.09 | Octadecanal | < LOD | < LOD | 0.03 | 0.09 |
| phytane | < LOD | < LOD | 0.03 | 0.09 | gamma-Caprolactone | < LOD | < LOD | 0.03 | 0.09 |
| valerolactam | < LOD | < LOD | 0.03 | 0.09 | 2-nonanone | < LOD | < LOD | 0.03 | 0.09 |
| delta-Dodecalactone | < LOD | < LOD | 0.03 | 0.09 | 2-Acetylpyrrole | < LOD | < LOD | 0.03 | 0.09 |
| 1,1-Dimethoxycyclohexane | < LOD | < LOD | 0.03 | 0.09 | Dronabinol | < LOD | < LOD | 0.03 | 0.09 |
| 2,3,5,6-Tetramethylpyrazine | < LOD | < LOD | 0.03 | 0.09 | Hexyl isobutyrate | < LOD | < LOD | 0.03 | 0.09 |
| d-carvone | < LOD | < LOD | 0.03 | 0.09 | Hexyl butyrate | < LOD | < LOD | 0.03 | 0.09 |
| Terpineol | < LOD | < LOD | 0.07 | 0.23 | alpha-Thujene | < LOD | < LOD | 0.03 | 0.09 |
| Allyl cyclohexanepropionate | < LOD | < LOD | 0.03 | 0.09 | Furaneol AKA 4-Hydroxy-2,5-dimethyl-2-furanone | < LOD | < LOD | 0.03 | 0.09 |
| Sabinene | < LOD | < LOD | 0.1 | 0.32 | 2,3-Dimethylpyrazine | < LOD | < LOD | 0.03 | 0.09 |
| Ethyl maltol | < LOD | < LOD | 0.03 | 0.09 | Limonene | < LOD | < LOD | 0.03 | 0.05 |
| Linalyl oxide | < LOD | < LOD | 0.03 | 0.09 | Ethyl 2-methylbutyrate | < LOD | < LOD | 0.03 | 0.09 |
| Hexyl hexanoate | < LOD | < LOD | 0.03 | 0.09 | l-menthone | < LOD | < LOD | 0.03 | 0.09 |
| 3-Carene | < LOD | < LOD | 0.01 | 0.09 | Rose oxide | < LOD | < LOD | 0.03 | 0.09 |
| 2,3,5-Trimethylpyrazine | < 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 | 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 | D-Menthol | < 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 |
| Phetyl acetate | < LOD | < LOD | 0.03 | 0.09 | Methyl cinnamate | < LOD | < LOD | 0.03 | 0.09 |
| Geraniol | < 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-pyridin-4-t | < LOD | < LOD | 0.03 | 0.09 |
| Bisabolene | < LOD | < LOD | 0.03 | 0.11 | 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 | beta-Ocimene | < 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-Nerolidol | < 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 |
| (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-pentenoic 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-Bergamoterol | < 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-Murolene | < 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 | Valencene | < 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-Murolene | < LOD | < LOD | 0.03 | 0.09 | alpha-Amorphene | < LOD | < LOD | 0.03 | 0.09 |
| Bicyclgermacrene | < 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 | unkown | < 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-ffolia 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.



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James P. Roe

 Jim Roe
 Scientific Director

Ben Hanson

 Ben Hanson
 Director QA/QC

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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 | |

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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 | 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-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 | | | | |



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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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