

# Alpine Super Silver Haze

Sample ID: 1912CSALA1652.8972  
 Matrix: Concentrates & Extracts  
 Type: Cartridge  
 Sample Size: 27 units  
 Batch Size: 1442 units  
 Batch#: 9330SU

Strain: Super Silver Haze  
 Produced: 12/19/2019  
 Collected: 12/19/2019  
 Received: 12/19/2019  
 Completed: 12/23/2019  
 METRC ID: 1A406030000A4CF000000648

Distributor  
**Summit Manufacturing**  
 Lic. # C11-0000955-LIC  
 3019 Vail Ave., Commerce, CA, 90040

Producer  
**Summit Manufacturing, LLC**  
 Lic. # CDPH-10003842  
 3019 Vail Ave., Commerce, CA 90040



## Summary

Pass

|                                     |                           |                                  |
|-------------------------------------|---------------------------|----------------------------------|
| <b>88.49%</b><br>Total Cannabinoids | <b>Pass</b><br>Pesticides | <b>Pass</b><br>Residual Solvents |
| <b>Pass</b><br>Microbials           | <b>Pass</b><br>Mycotoxins | <b>Pass</b><br>Heavy Metals      |

## Cannabinoids

Testing method: HPLC-SOP 101

Pass

| Analyte      | LOD     | LOQ    | Results      | Results       |
|--------------|---------|--------|--------------|---------------|
|              | %       | %      | %            | mg/g          |
| Δ9-THC       | 0.00004 | 0.0001 | 83.52        | 835.24        |
| CBG          | 0.00004 | 0.0001 | 3.40         | 34.03         |
| CBD          | 0.00004 | 0.0001 | 0.56         | 5.60          |
| THCV         | 0.00004 | 0.0001 | 0.51         | 5.05          |
| CBN          | 0.00002 | 0.0001 | 0.41         | 4.07          |
| CBC          | 0.00001 | 0.0001 | 0.09         | 0.87          |
| CBDa         | 0.00002 | 0.0001 | ND           | ND            |
| CBDV         | 0.00001 | 0.0001 | ND           | ND            |
| CBGa         | 0.00002 | 0.0001 | ND           | ND            |
| THCa         | 0.00002 | 0.0001 | ND           | ND            |
| Δ8-THC       | 0.00004 | 0.0001 | ND           | ND            |
| <b>Total</b> |         |        | <b>88.49</b> | <b>884.86</b> |

## Terpenes

Testing method: HS-GC-FID - SOP 201

Not Tested

|  |   |   |
|--|---|---|
| <b>NT</b><br>Moisture<br>Moisture Analyzer SOP-103 | <b>NT</b><br>Water Activity<br>Water Activity Meter SOP-102 | <b>Pass</b><br>Foreign Matter<br>Visual Inspection SOP-600<br>Date Tested: 12/20/2019 |
|--|---|---|

**83.52%**

Total THC

**0.56%**

Total CBD

Date Tested: 12/23/2019

Total THC = THCa \* 0.877 + d9-THC

Total CBD = CBDa \* 0.877 + CBD

LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.


 ISO / IEC 17025:2017 ACCREDITED LABORATORY  
 Accreditation No. 73653



 Mallory Speakman  
 Laboratory Director - LA  
 12/23/2019



 Anya Engen  
 Quality Review  
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 Amanda Bravo  
 COA Review  
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## Pesticides

Testing method: LCMS & GCMS-SOP 301 and 302

| Analyte             | LOD    | LOQ    | Limit  | Results | Status | Analyte                 | LOD    | LOQ    | Limit  | Results | Status |
|---------------------|--------|--------|--------|---------|--------|-------------------------|--------|--------|--------|---------|--------|
|                     | µg/g   | µg/g   | µg/g   | µg/g    |        |                         | µg/g   | µg/g   | µg/g   | µg/g    |        |
| Abamectin           | 0.0009 | 0.003  | 0.1    | ND      | Pass   | Fludioxonil             | 0.0143 | 0.048  | 0.1    | ND      | Pass   |
| Acephate            | 0.005  | 0.017  | 0.1    | ND      | Pass   | Hexythiazox             | 0.0237 | 0.079  | 0.1    | ND      | Pass   |
| Acequinocyl         | 0.0193 | 0.064  | 0.1    | ND      | Pass   | Imazalil *              | 0.0077 | 0.026  | 0.0077 | ND      | Pass   |
| Acetamiprid         | 0.0073 | 0.024  | 0.1    | ND      | Pass   | Imidacloprid            | 0.0053 | 0.018  | 5.0    | ND      | Pass   |
| Aldicarb *          | 0.0094 | 0.031  | 0.0094 | ND      | Pass   | Kresoxim Methyl         | 0.0182 | 0.061  | 0.1    | ND      | Pass   |
| Azoxystrobin        | 0.015  | 0.05   | 0.1    | ND      | Pass   | Malathion               | 0.015  | 0.05   | 0.5    | ND      | Pass   |
| Bifenazate          | 0.0129 | 0.043  | 0.1    | ND      | Pass   | Metaxyl                 | 0.0076 | 0.025  | 2.0    | ND      | Pass   |
| Bifenthrin          | 0.029  | 0.097  | 3.0    | ND      | Pass   | Methiocarb *            | 0.0103 | 0.034  | 0.0103 | ND      | Pass   |
| Boscalid            | 0.0172 | 0.058  | 0.1    | ND      | Pass   | Methomyl                | 0.0109 | 0.036  | 1.0    | ND      | Pass   |
| Captan              | 0.036  | 0.12   | 0.7    | ND      | Pass   | Methyl Parathion *      | 0.0091 | 0.0303 | 0.0091 | ND      | Pass   |
| Carbaryl            | 0.0542 | 0.181  | 0.5    | ND      | Pass   | Mevinphos *             | 0.0041 | 0.014  | 0.0041 | ND      | Pass   |
| Carbofuran *        | 0.0077 | 0.026  | 0.0077 | ND      | Pass   | Myclobutanil            | 0.01   | 0.033  | 0.1    | ND      | Pass   |
| Chlorantraniliprole | 0.0095 | 0.032  | 10.0   | ND      | Pass   | Naled                   | 0.0107 | 0.036  | 0.1    | ND      | Pass   |
| Chlordane *         | 0.0055 | 0.0182 | 0.0055 | ND      | Pass   | Oxamyl                  | 0.0071 | 0.024  | 0.5    | ND      | Pass   |
| Chlorfenapyr *      | 0.0048 | 0.0159 | 0.0048 | ND      | Pass   | Paclobutrazol *         | 0.0092 | 0.031  | 0.0092 | ND      | Pass   |
| Chlorpyrifos *      | 0.0197 | 0.066  | 0.0197 | ND      | Pass   | Pentachloronitrobenzene | 0.0084 | 0.0279 | 0.1    | ND      | Pass   |
| Clofentezine        | 0.0216 | 0.072  | 0.1    | ND      | Pass   | Permethrin              | 0.0142 | 0.048  | 0.5    | ND      | Pass   |
| Coumaphos *         | 0.0196 | 0.065  | 0.0196 | ND      | Pass   | Phosmet                 | 0.0138 | 0.046  | 0.1    | ND      | Pass   |
| Cyfluthrin          | 0.0107 | 0.036  | 2.0    | ND      | Pass   | Piperonyl Butoxide      | 0.0156 | 0.052  | 3.0    | ND      | Pass   |
| Cypermethrin        | 0.0105 | 0.035  | 1.0    | ND      | Pass   | Prallethrin             | 0.018  | 0.06   | 0.1    | ND      | Pass   |
| Daminozide *        | 0.0052 | 0.017  | 0.0052 | ND      | Pass   | Propiconazole           | 0.013  | 0.043  | 0.1    | ND      | Pass   |
| DDVP *              | 0.0081 | 0.027  | 0.0081 | ND      | Pass   | Propoxur *              | 0.0097 | 0.033  | 0.0097 | ND      | Pass   |
| Diazinon            | 0.0134 | 0.045  | 0.1    | ND      | Pass   | Pyrethrins              | 0.0025 | 0.008  | 0.5    | ND      | Pass   |
| Dimethoate *        | 0.0083 | 0.028  | 0.0083 | ND      | Pass   | Pyridaben               | 0.0236 | 0.079  | 0.1    | ND      | Pass   |
| Dimethomorph        | 0.0025 | 0.008  | 2.0    | ND      | Pass   | Spinetoram              | 0.0042 | 0.014  | 0.1    | ND      | Pass   |
| Ethoprophos *       | 0.0112 | 0.037  | 0.0112 | ND      | Pass   | Spinosad                | 0.0002 | 0.001  | 0.1    | ND      | Pass   |
| Etofenprox *        | 0.0247 | 0.082  | 0.0247 | ND      | Pass   | Spiromesifen            | 0.0199 | 0.066  | 0.1    | ND      | Pass   |
| Etoxazole           | 0.0269 | 0.09   | 0.1    | ND      | Pass   | Spirotetramat           | 0.0068 | 0.023  | 0.1    | ND      | Pass   |
| Fenhexamid          | 0.0215 | 0.072  | 0.1    | ND      | Pass   | Spiroxamine *           | 0.0065 | 0.022  | 0.0065 | ND      | Pass   |
| Fenoxycarb *        | 0.0186 | 0.062  | 0.0186 | ND      | Pass   | Tebuconazole            | 0.0099 | 0.033  | 0.1    | ND      | Pass   |
| Fenpyroximate       | 0.0253 | 0.084  | 0.1    | ND      | Pass   | Thiacloprid *           | 0.0094 | 0.031  | 0.0094 | ND      | Pass   |
| Fipronil *          | 0.0228 | 0.076  | 0.0228 | ND      | Pass   | Thiamethoxam            | 0.005  | 0.017  | 5.0    | ND      | Pass   |
| Flonicamid          | 0.0073 | 0.024  | 0.1    | ND      | Pass   | Trifloxystrobin         | 0.0192 | 0.064  | 0.1    | ND      | Pass   |

Date Tested: 12/20/2019

\* Denotes Category I pesticides, which fail when detected; LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.



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### Microbials

Pass

Testing method: PCR-SOP 400

| Analyte                       | Result       | Status |
|-------------------------------|--------------|--------|
| Aspergillus flavus            | Not Detected | Pass   |
| Aspergillus fumigatus         | Not Detected | Pass   |
| Aspergillus niger             | Not Detected | Pass   |
| Aspergillus terreus           | Not Detected | Pass   |
| Salmonella                    | Not Detected | Pass   |
| Shiga toxin-producing E. Coli | Not Detected | Pass   |

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### Mycotoxins

Pass

Testing method: LCMS-SOP 301

| Analyte          | LOD    | LOQ   | Limit | Results | Status |
|------------------|--------|-------|-------|---------|--------|
|                  | µg/kg  | µg/kg | µg/kg | µg/kg   |        |
| Aflatoxin B1     | 0.0036 | 0.012 |       | ND      | Tested |
| Aflatoxin B2     | 0.0092 | 0.031 |       | ND      | Tested |
| Aflatoxin G1     | 0.0058 | 0.019 |       | ND      | Tested |
| Aflatoxin G2     | 0.0034 | 0.011 |       | ND      | Tested |
| Total Aflatoxins |        |       | 20.0  | ND      | Pass   |
| Ochratoxin A     | 0.0113 | 0.038 | 20.0  | ND      | Pass   |

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### Heavy Metals

Pass

Testing method: ICPMS-SOP 502

| Analyte | LOD   | LOQ   | Limit | Results | Status |
|---------|-------|-------|-------|---------|--------|
|         | µg/g  | µg/g  | µg/g  | µg/g    |        |
| Arsenic | 0.02  | 0.06  | 0.2   | ND      | Pass   |
| Cadmium | 0.03  | 0.1   | 0.2   | ND      | Pass   |
| Lead    | 0.002 | 0.005 | 0.5   | 0.134   | Pass   |
| Mercury | 0.02  | 0.06  | 0.1   | ND      | Pass   |

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## Residual Solvents

Pass

Testing method: HSGCMS-SOP 202

| Analyte             | LOD   | LOQ   | Limit | Results | Status |
|---------------------|-------|-------|-------|---------|--------|
|                     | µg/g  | µg/g  | µg/g  | µg/g    |        |
| 1,2-Dichloro-Ethane | 0.1   | 0.4   | 1     | ND      | Pass   |
| Acetone             | 64.0  | 214.0 | 5000  | ND      | Pass   |
| Acetonitrile        | 36.0  | 119.0 | 410   | ND      | Pass   |
| Benzene             | 0.1   | 0.2   | 1     | ND      | Pass   |
| Butane              | 42.0  | 141.0 | 5000  | ND      | Pass   |
| Chloroform          | 0.1   | 0.4   | 1     | ND      | Pass   |
| Ethanol             | 59.0  | 197.0 | 5000  | ND      | Pass   |
| Ethyl-Acetate       | 43.0  | 144.0 | 5000  | ND      | Pass   |
| Ethylene Oxide      | 0.2   | 0.6   | 1     | ND      | Pass   |
| Ethyl-Ether         | 40.0  | 134.0 | 5000  | ND      | Pass   |
| Heptane             | 46.0  | 154.0 | 5000  | ND      | Pass   |
| Isopropanol         | 41.0  | 138.0 | 5000  | ND      | Pass   |
| Methanol            | 160.0 | 534.0 | 3000  | ND      | Pass   |
| Methylene-Chloride  | 0.1   | 0.4   | 1     | ND      | Pass   |
| n-Hexane            | 42.0  | 139.0 | 290   | ND      | Pass   |
| Pentane             | 69.0  | 229.0 | 5000  | ND      | Pass   |
| Propane             | 21.0  | 70.0  | 5000  | ND      | Pass   |
| Toluene             | 47.0  | 156.0 | 890   | ND      | Pass   |
| Trichloroethene     | 0.1   | 0.4   | 1     | ND      | Pass   |
| Xylenes             | 86.0  | 287.0 | 2170  | ND      | Pass   |

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