

## CERTIFICATE OF ANALYSIS

PRODUCED: MAR 07, 2022

SAMPLE: AGS BULK FLOWER SUNBEAM (FLOWER) // CLIENT: MSR SUPPLY LLC // BATCH: PASS



**BATCH ID:** AGS1-0011-15B  
**METRC SRC UID:** 1A406030000A117000004108  
**MATRIX:** FLOWER  
**CATEGORY:** INHALABLE  
**SAMPLE ID:** 2RL-220302-034  
**COLLECTED ON:** MAR 02, 2022  
**RECEIVED ON:** MAR 02, 2022  
**BATCH/SAMPLE SIZE:** 3261.5 G / 16.8 G  
**SAMPLED BY:** DIEGO  
**RECEIVED BY:** HAYLIE CLOUD

## CANNABINOID OVERVIEW

|                             |                 |
|-----------------------------|-----------------|
| <b>TOTAL THC:</b>           | <b>20.894 %</b> |
| <b>TOTAL CBD:</b>           | <b>0.076 %</b>  |
| <b>TOTAL CANNABINOIDS:</b>  | <b>21.789 %</b> |
| <b>SUM OF CANNABINOIDS:</b> | <b>24.653 %</b> |

## CULTIVATOR INFO

**CULTIVATOR**  
 SHASTA BOTANICALS  
 3400 SHASTA GATEWAY DR., SUITE A  
 SHASTA LAKE, CALIFORNIA 96019  
**LICENSE**  
 CCL19-0000751  
 ADULT-USE - CULTIVATOR LICENSE

## DISTRIBUTOR INFO

**DISTRIBUTOR**  
 MSR SUPPLY LLC  
 3400 SHASTA GATEWAY DR, SUITE B  
 SHASTA LAKE, CA 96019  
**LICENSE**  
 C11-0000771  
 ADULT-USE - DISTRIBUTOR LICENSE

## BATCH RESULT: PASS

|                  |        |                   |        |
|------------------|--------|-------------------|--------|
| <b>POTENCY</b>   | TESTED | <b>MYCOTOXINS</b> | PASS   |
| <b>FOREIGN</b>   | PASS   | <b>PESTICIDES</b> | PASS   |
| <b>METALS</b>    | PASS   | <b>TERPENES</b>   | TESTED |
| <b>MICROBIAL</b> | PASS   | <b>WATER</b>      | PASS   |
| <b>MOISTURE</b>  | TESTED |                   |        |

## M-024: POTENCY BY HPLC // MAR 07, 2022

| ANALYTE | LIMIT   | AMT       | AMT | LOD/LOQ (mg/g) | PASS/FAIL | ANALYTE             | LIMIT    | AMT         | AMT | LOD/LOQ (mg/g) | PASS/FAIL |
|---------|---------|-----------|-----|----------------|-----------|---------------------|----------|-------------|-----|----------------|-----------|
| CBC     |         | ND        | ND  | 0.161/0.450    | N/A       | CBN                 |          | ND          | ND  | 0.054/0.450    | N/A       |
| CBCA    | 0.192 % | 1.92 mg/g |     | 0.210/0.450    | N/A       | $\Delta^8$ -THC     |          | ND          | ND  | 0.238/0.450    | N/A       |
| CBD     | ND      | ND        |     | 0.183/0.450    | N/A       | $\Delta^9$ -THC     | 1.264 %  | 12.64 mg/g  |     | 0.151/0.450    | N/A       |
| CBDA    | 0.087 % | 0.87 mg/g |     | 0.087/0.450    | N/A       | THCA                | 22.383 % | 223.83 mg/g |     | 0.188/0.450    | N/A       |
| CBDV    | ND      | ND        |     | 0.103/0.450    | N/A       | THCV                | ND       | ND          |     | 0.153/0.450    | N/A       |
| CBDVA   | ND      | ND        |     | 0.098/0.450    | N/A       | THCVA               | 0.155 %  | 1.55 mg/g   |     | 0.155/0.450    | N/A       |
| CBG     | 0.106 % | 1.06 mg/g |     | 0.192/0.450    | N/A       | <b>TOTAL THC **</b> | 20.894 % | 208.94 mg/g |     |                | N/A       |
| CBGA    | 0.466 % | 4.66 mg/g |     | 0.166/0.450    | N/A       | <b>TOTAL CBD **</b> | 0.076 %  | 0.76 mg/g   |     |                | N/A       |

\*\* TOTAL CBD = (CBDA X 0.877) + CBD

\*\* TOTAL THC = (THCA X 0.877) + THC

DRY-WEIGHT AMOUNTS SHOWN

## M-0255: TERPENES BY GC-FID // MAR 07, 2022

| ANALYTE                 | AMT     | AMT        | LOD/LOQ (mg/g) | PASS/FAIL | ANALYTE             | AMT     | AMT       | LOD/LOQ (mg/g) | PASS/FAIL |
|-------------------------|---------|------------|----------------|-----------|---------------------|---------|-----------|----------------|-----------|
| <b>TOTAL TERPENES *</b> | 1.009 % | 10.09 mg/g |                | N/A       | $\Delta^3$ -CARENE  | 0.015 % | 0.15 mg/g | 0.002/0.007    | N/A       |
| TERPINOLENE             | 0.307 % | 3.07 mg/g  | 0.002/0.006    | N/A       | TRANS-NEROLIDOL     | 0.012 % | 0.12 mg/g | 0.001/0.004    | N/A       |
| $\beta$ -CARYOPHYLLENE  | 0.217 % | 2.17 mg/g  | 0.005/0.015    | N/A       | $\alpha$ -TERPINENE | 0.011 % | 0.11 mg/g | 0.003/0.010    | N/A       |
| $\alpha$ -HUMULENE      | 0.082 % | 0.82 mg/g  | 0.004/0.012    | N/A       | $\gamma$ -TERPINENE | 0.009 % | 0.09 mg/g | 0.001/0.004    | N/A       |
| $\beta$ -MYRCENE        | 0.081 % | 0.81 mg/g  | 0.002/0.006    | N/A       | CARYOPHYLLENE OXIDE | 0.008 % | 0.08 mg/g | 0.003/0.011    | N/A       |
| LINALOOL                | 0.052 % | 0.52 mg/g  | 0.002/0.007    | N/A       | GERANIOL            | 0.008 % | 0.08 mg/g | 0.004/0.012    | N/A       |
| $\beta$ -PINENE         | 0.052 % | 0.52 mg/g  | 0.050/0.151    | N/A       | EUCALYPTOL          | 0.005 % | 0.05 mg/g | 0.005/0.016    | N/A       |
| D-LIMONENE              | 0.043 % | 0.43 mg/g  | 0.002/0.007    | N/A       | CAMPHERE            | 0.002 % | 0.02 mg/g | 0.001/0.002    | N/A       |
| $\alpha$ -PINENE        | 0.029 % | 0.29 mg/g  | 0.001/0.003    | N/A       | GUAIOL              | ND      | ND        | 0.004/0.013    | N/A       |
| $\beta$ -OCIMENE        | 0.028 % | 0.28 mg/g  | 0.002/0.007    | N/A       | ISOPULEGOL          | ND      | ND        | 0.003/0.008    | N/A       |
| CIS-NEROLIDOL           | 0.025 % | 0.25 mg/g  | 0.003/0.010    | N/A       | P-CYMENE            | ND      | ND        | 0.002/0.005    | N/A       |
| $\alpha$ -BISABOLOL     | 0.023 % | 0.23 mg/g  | 0.012/0.037    | N/A       | $\alpha$ -OCIMENE   | ND      | ND        | 0.003/0.008    | N/A       |

\* BEYOND SCOPE OF ACCREDITATION



## M-026A: PESTICIDES BY LC-MS/MS // MAR 07, 2022

| ANALYTE              | LIMIT    | AMT (µg/g) | LOD/LOQ (µg/g) | PASS/FAIL |
|----------------------|----------|------------|----------------|-----------|
| ABAMECTIN            | 0.1 µg/g | ND         | 0.010/0.040    | PASS      |
| ACEPHATE             | 0.1 µg/g | ND         | 0.010/0.020    | PASS      |
| ACEQUINOCYL          | 0.1 µg/g | ND         | 0.010/0.020    | PASS      |
| ACETAMIPRID          | 0.1 µg/g | ND         | 0.010/0.030    | PASS      |
| ALDICARB             | Any amt  | ND         | 0.010/0.040    | PASS      |
| AZOXYSTROBIN         | 0.1 µg/g | ND         | 0.010/0.030    | PASS      |
| BIFENAZATE           | 0.1 µg/g | ND         | 0.010/0.030    | PASS      |
| BIFENTHRIN           | 3 µg/g   | ND         | 0.010/0.020    | PASS      |
| BOSCALID             | 0.1 µg/g | ND         | 0.010/0.030    | PASS      |
| CAPTAN               | 0.7 µg/g | ND         | 0.700/0.230    | PASS      |
| CARBARYL             | 0.5 µg/g | ND         | 0.010/0.030    | PASS      |
| CARBOFURAN           | Any amt  | ND         | 0.010/0.020    | PASS      |
| CHLORANTRANIL-IPROLE | 10 µg/g  | ND         | 0.010/0.040    | PASS      |
| CHLORDANE            | Any amt  | ND         | 0.010/0.040    | PASS      |
| CHLORFENAPYR         | Any amt  | ND         | 0.020/0.050    | PASS      |
| CHLORPYRIFOS         | Any amt  | ND         | 0.010/0.030    | PASS      |
| CLOFENTEZINE         | 0.1 µg/g | ND         | 0.010/0.030    | PASS      |
| COUMAPHOS            | Any amt  | ND         | 0.010/0.020    | PASS      |
| CYFLUTHRIN           | 2 µg/g   | ND         | 0.010/0.100    | PASS      |
| CYPERMETHRIN         | 1 µg/g   | ND         | 0.010/0.050    | PASS      |
| DAMINOZIDE           | Any amt  | ND         | 0.003/0.010    | PASS      |
| DIAZINON             | 0.1 µg/g | ND         | 0.005/0.020    | PASS      |
| DICHLORVOS           | Any amt  | ND         | 0.010/0.020    | PASS      |
| DIMETHOATE           | Any amt  | ND         | 0.010/0.030    | PASS      |
| DIMETHOMORPH         | 2 µg/g   | ND         | 0.010/0.030    | PASS      |
| ETHOPROPHOS          | Any amt  | ND         | 0.004/0.010    | PASS      |
| ETOFENPROX           | Any amt  | ND         | 0.010/0.020    | PASS      |
| ETOXAZOLE            | 0.1 µg/g | ND         | 0.010/0.020    | PASS      |
| FENHEXAMID           | 0.1 µg/g | ND         | 0.010/0.020    | PASS      |
| FENOXYCARB           | Any amt  | ND         | 0.004/0.010    | PASS      |
| FENPYROXIMATE        | 0.1 µg/g | ND         | 0.010/0.030    | PASS      |
| FIPRONIL             | Any amt  | ND         | 0.010/0.020    | PASS      |
| FLONICAMID           | 0.1 µg/g | ND         | 0.005/0.010    | PASS      |

| ANALYTE                  | LIMIT    | AMT (µg/g) | LOD/LOQ (µg/g) | PASS/FAIL |
|--------------------------|----------|------------|----------------|-----------|
| FLUDIOXONIL              | 0.1 µg/g | ND         | 0.004/0.010    | PASS      |
| HEXYTHIAZOX              | 0.1 µg/g | ND         | 0.010/0.030    | PASS      |
| IMAZALIL                 | Any amt  | ND         | 0.010/0.020    | PASS      |
| IMIDACLOPRID             | 5 µg/g   | ND         | 0.010/0.020    | PASS      |
| KRESOXIM-METHYL          | 0.1 µg/g | ND         | 0.010/0.020    | PASS      |
| MALATHION                | 0.5 µg/g | ND         | 0.010/0.040    | PASS      |
| METALAXYL                | 2 µg/g   | ND         | 0.010/0.040    | PASS      |
| METHIOCARB               | Any amt  | ND         | 0.010/0.030    | PASS      |
| METHOMYL                 | 1 µg/g   | < LOQ      | 0.005/0.020    | PASS      |
| METHYL PARATHION         | Any amt  | ND         | 0.010/0.040    | PASS      |
| MEVINPHOS                | Any amt  | ND         | 0.010/0.030    | PASS      |
| MYCLOBUTANIL             | 0.1 µg/g | ND         | 0.010/0.020    | PASS      |
| NALED                    | 0.1 µg/g | ND         | 0.010/0.030    | PASS      |
| OXAMYL                   | 0.5 µg/g | ND         | 0.004/0.010    | PASS      |
| PACLOBUTRAZOL            | Any amt  | ND         | 0.010/0.030    | PASS      |
| PENTACHLORONI-TROBENZENE | 0.1 µg/g | ND         | 0.010/0.030    | PASS      |
| PERMETHRIN               | 0.5 µg/g | ND         | 0.010/0.020    | PASS      |
| PHOSMET                  | 0.1 µg/g | ND         | 0.010/0.040    | PASS      |
| PIPERONYLBUTO-XIDE       | 3 µg/g   | ND         | 0.010/0.020    | PASS      |
| PRALLETHRIN              | 0.1 µg/g | ND         | 0.010/0.030    | PASS      |
| PROPICONAZOLE            | 0.1 µg/g | ND         | 0.010/0.020    | PASS      |
| PROPOXUR                 | Any amt  | ND         | 0.010/0.020    | PASS      |
| PYRETHRINS               | 0.5 µg/g | ND         | 0.010/0.030    | PASS      |
| PYRIDABEN                | 0.1 µg/g | ND         | 0.010/0.030    | PASS      |
| SPINETORAM               | 0.1 µg/g | ND         | 0.020/0.070    | PASS      |
| SPINOSAD                 | 0.1 µg/g | < LOQ      | 0.010/0.040    | PASS      |
| SPIROMESIFEN             | 0.1 µg/g | ND         | 0.010/0.020    | PASS      |
| SPIROTETRAMAT            | 0.1 µg/g | ND         | 0.010/0.020    | PASS      |
| SPIROXAMINE              | Any amt  | ND         | 0.010/0.040    | PASS      |
| TEBUCONAZOLE             | 0.1 µg/g | ND         | 0.010/0.020    | PASS      |
| THIACLOPRID              | Any amt  | ND         | 0.004/0.010    | PASS      |
| THIAMETHOXAM             | 5 µg/g   | ND         | 0.004/0.010    | PASS      |
| TRIFLOXYSTROB-IN         | 0.1 µg/g | ND         | 0.010/0.040    | PASS      |

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## M-018: MOISTURE ANALYSIS // MAR 03, 2022

| ANALYTE  | LIMIT | AMT (%) | PASS/FAIL |
|----------|-------|---------|-----------|
| MOISTURE |       | 11.378  | N/A       |

## M-055, M-056: MICROBIOLOGICAL CONTAMINANTS BY QPCR // MAR 07, 2022

| ANALYTE               | LIMIT             | AMT (CFU) | PASS/FAIL | ANALYTE                       | LIMIT             | AMT (CFU) | PASS/FAIL |
|-----------------------|-------------------|-----------|-----------|-------------------------------|-------------------|-----------|-----------|
| ASPERGILLUS FLAVUS    | Any amt in 1 gram | ND        | PASS      | ASPERGILLUS TERREUS           | Any amt in 1 gram | ND        | PASS      |
| ASPERGILLUS FUMIGATUS | Any amt in 1 gram | ND        | PASS      | SALMONELLA SPP.               | Any amt in 1 gram | ND        | PASS      |
| ASPERGILLUS NIGER     | Any amt in 1 gram | ND        | PASS      | SHIGA TOXIN-PRODUCING E. COLI | Any amt in 1 gram | ND        | PASS      |

## M-026B: MYCOTOXINS BY LC-MS/MS // MAR 07, 2022

| ANALYTE      | LIMIT | AMT (µg/kg) | LOD/LOQ (µg/kg) | PASS/FAIL | ANALYTE      | LIMIT    | AMT (µg/kg) | LOD/LOQ (µg/kg) | PASS/FAIL |
|--------------|-------|-------------|-----------------|-----------|--------------|----------|-------------|-----------------|-----------|
| AFLATOXIN B1 |       | ND          | 2.000/10.000    | N/A       | AFLATOXIN G2 |          | ND          | 3.000/10.000    | N/A       |
| AFLATOXIN B2 |       | ND          | 4.000/10.000    | N/A       | AFLATOXINS   | 20 µg/kg | ND          |                 | PASS      |
| AFLATOXIN G1 |       | ND          | 5.000/10.000    | N/A       | OCHRATOXIN A | 20 µg/kg | ND          | 5.000/20.000    | PASS      |

## M-053: HEAVY METALS BY ICP-MS // MAR 07, 2022

| ANALYTE | LIMIT    | AMT (µg/g) | LOD/LOQ (µg/g) | PASS/FAIL | ANALYTE | LIMIT    | AMT (µg/g) | LOD/LOQ (µg/g) | PASS/FAIL |
|---------|----------|------------|----------------|-----------|---------|----------|------------|----------------|-----------|
| ARSENIC | 0.2 µg/g | ND         | 0.030/0.090    | PASS      | LEAD    | 0.5 µg/g | ND         | 0.020/0.070    | PASS      |
| CADMIUM | 0.2 µg/g | ND         | 0.030/0.090    | PASS      | MERCURY | 0.1 µg/g | ND         | 0.030/0.090    | PASS      |

## M-066: WATER ACTIVITY BY AQUALAB 3 // MAR 04, 2022

| ANALYTE        | LIMIT   | AMT (Aw) | PASS/FAIL |
|----------------|---------|----------|-----------|
| WATER ACTIVITY | 0.65 Aw | 0.499    | PASS      |

## M-032: FOREIGN MATERIAL (VISUAL INSPECTION) // MAR 03, 2022

| ANALYTE                                  | LIMIT  | AMT (%) | PASS/FAIL | ANALYTE                   | LIMIT | AMT (%) | PASS/FAIL |
|--|--------|---------|-----------|---------------------------|-------|---------|-----------|
| IMBEDDED FOREIGN MATERIAL                | 25 %   | ND      | PASS      | MOLD                      | 25 %  | ND      | PASS      |
| INSECT FRAGMENTS, HAIR, MAMMAL EXCREMENT | 1 Unit | ND      | PASS      | SAND, SOIL, CINDERS, DIRT | 25 %  | ND      | PASS      |



RESULTS CERTIFIED BY: LAB DIRECTOR  
AARON STANCIK, TWO RIVER LABS, INC  
MAR 07, 2022

*Aaron Stanik*

ALL LQC SAMPLES REQUIRED BY SECTION 15730 OF CALIFORNIA CODE OF REGULATIONS TITLE 4 DIVISION 19 DEPARTMENT OF CANNABIS CONTROL WERE PERFORMED AND MET THE ACCEPTANCE CRITERIA.

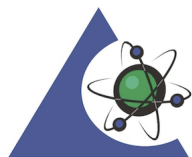
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## ACCREDITATIONS



ISO 17025:2017



ISO/IEC 17025

**ILAC ACCREDITED, PJLA ACCREDITED****M-026A: PESTICIDES BY LC-MS/MS**

ABAMECTIN, ACEPHATE, ACEQUINOCYL, ACETAMIPRID, ALDICARB, AZOXYSTROBIN, BIFENAZATE, BIFENTHRIN, BOSCALID, CAPTAN, CARBARYL, CARBOFURAN, CHLORANTRANILIPROLE, CHLORDANE, CHLORFENAPYR, CHLORPYRIFOS, CLOFENTEZINE, COUMAPHOS, CYFLUTHRIN, CYPERMETHRIN, DAMINOZIDE, DIAZINON, DICHLORVOS, DIMETHOATE, DIMETHOMORPH, ETHOPROPHOS, ETOFENPROX, ETOXAZOLE, FENHEXAMID, FENOXYCARB, FENPYROXIMATE, FIPRONIL, FLONICAMID, FLUDIOXONIL, HEXYTHIAZOX, IMAZALIL, IMIDACLOPRID, KRESOXIM-METHYL, MALATHION, METALAXYL, METHIOCARB, METHOMYL, METHYL PARATHION, MEVINPHOS, MYCLOBUTANIL, NALED, OXAMYL, PACLOBUTRAZOL, PENTACHLORONITROBENZENE, PERMETHRIN, PHOSMET, PIPERONYLBUTOXIDE, PRALLETHRIN, PROPICONAZOLE, PROPOXUR, PYRETHRINS, PYRETHRINS PYRETHRIN I, PYRETHRINS PYRETHRIN II, PYRIDABEN, SPINETORAM, SPINETORAM J, SPINETORAM L, SPINOSAD, SPINOSAD A, SPINOSAD D, SPIROMESIFEN, SPIROTETRAMAT, SPIROXAMINE, TEBUCONAZOLE, THIAACLOPRID, THIAMETHOXAM, TRIFLOXYSTROBIN

**M-066: WATER ACTIVITY BY AQUALAB 3**  
WATER ACTIVITY**M-0255: TERPENES BY GC-FID**

ALPHA-PINENE, CAMPHENE, BETA-MYRCENE, BETA-PINENE, DELTA-3-CARENE, ALPHA-TERPINENE, D-LIMONENE, ALPHA-OCIMENE, EUCALYPTOL, P-CYME, BETA-OCIMENE, GAMMA-TERPINENE, TERPINOLENE, LINALOOL, ISOPULEGOL, GERANIOL, BETA-CARYOPHYLLENE, ALPHA-HUMULENE, CIS-NEROLIDOL, TRANS-NEROLIDOL, GUAIOL, CARYOPHYLLENE OXIDE, ALPHA-BISABOLOL, TOTAL TERPENES

**M-032: FOREIGN MATERIAL (VISUAL INSPECTION)**

CINDERS, DIRT, IMBEDDED FOREIGN MATERIAL, INSECT FRAGMENTS, INSECT FRAGMENTS, HAIR, MAMMAL EXCREMENT, MAMMAL EXCREMENT, MOLD, RODENT HAIR, SAND, SAND, SOIL, CINDERS, DIRT, SOIL

**M-055, M-056: MICROBIOLOGICAL CONTAMINANTS BY QPCR**

ESCHERICHIA COLI, SHIGA TOXIN-PRODUCING E. COLI, SALMONELLA SPP., ASPERGILLUS FLAVUS, ASPERGILLUS FUMIGATUS, ASPERGILLUS NIGER, ASPERGILLUS SPP., ASPERGILLUS TERREUS

**M-024: POTENCY BY HPLC**

CBDVA, CBDV, CBDA, CBGA, CBG, CBD, THCV, THCA, CBN, CBNA, DELTA-9-THC, DELTA-8-THC, CBL, CBC, THCA, CBGA, CBDA, TOTAL THC, TOTAL CBD, THC:CBD RATIO

**M-026B: MYCOTOXINS BY LC-MS/MS**

AFLATOXINS, AFLATOXIN B1, AFLATOXIN B2, AFLATOXIN G1, AFLATOXIN G2, OCHRATOXIN A

**M-053: HEAVY METALS BY ICP-MS**

CADMIUM, LEAD, ARSENIC, MERCURY

**M-018: MOISTURE ANALYSIS**

MOISTURE

