



CERTIFICATE OF ANALYSIS

| | | | |
|-------------------------|---|------------------------------|-------------|
| Certificate Date | 10/02/2019 | Supplier/Manufacturer | Soji Health |
| Product Item # | SE-ALST-150 | Date of Manufacture | 09/09/2019 |
| Product Name | Strawberry Gummies 1 serving = 1 gummy | Batch/lot # | M573 |
| | | Expiry Date | n/a |

The undersigned hereby certifies the following data to be true specification of the obtained results of tests and assays.

| Test | Results | Specification |
|-----------------------------|-------------------|-------------------|
| CBD | 9.25 mg/serving | 10 mg/serving |
| THC | 0 mg/serving (0%) | 0 mg/serving (0%) |
| Pesticides | ND | ND |
| Residual Solvents | ND | ND |
| Arsenic | 0.010 µg/g | <1.5 µg/g |
| Lead | 0.072 µg/g | <0.5 µg/g |
| Cadmium | ND | <0.5 µg/g |
| Mercury | ND | <3.0 µg/g |
| pH @ 25°C | NT | NT |
| Odor | Fruity | Fruity |
| Appearance | Magenta | Magenta |
| Viscosity RVD @10rpm @25°C | NT | NT |
| Microbial Total Plate Count | NT | NT |
| Mold and Yeast Count | NT | NT |

NT = Not Tested; ND = Not Detected.

10/02/2019

DATE OF RELEASE

Max King

QUALITY CONTROL, SOJI HEALTH

*This Product has been tested by a licensed 3rd Party Testing Laboratory and the results have been reviewed by the Quality Assurance Department at Soji Health and has met all product specifications.

Soji Health 10mg Strawberry Gummies

Sample ID: 1905CSALA3735.3014

Strain: Strawberry Gummies

Matrix: Ingestible

Type: Soft Chew

Sample Size: 1 units

Batch Size:

Produced: N/A

Collected: 05/16/2019

Received: 05/16/2019

Completed: 05/22/2019


Batch#:

Client

Soji Health Sciences

Lic. #


N Hollywood, CA 91601

| | | | |
|---|---|--|---|
|  | <p style="text-align: center; font-size: 2em; font-weight: bold;">ND</p> <p style="text-align: center;">Total THC</p> | <p style="text-align: center; font-size: 2em; font-weight: bold;">9.25 mg/serving</p> <p style="text-align: center;">Total CBD</p> | <p style="text-align: center; font-size: 2em; font-weight: bold;">9.29 mg/serving</p> <p style="text-align: center;">Total Cannabinoids</p> |
|---|---|--|---|

Cannabinoids

Testing method: HPLC-SOP 101

Pass

| Analyte | LOD | LOQ | Mass | Mass | |
|--------------|------------|------------|-------------|-------------|---|
| | mg/serving | mg/serving | mg/serving | mg/g | |
| CBD | 0.00152 | 0.00408 | 9.25 | 2.27 |  |
| CBC | 0.00058 | 0.00408 | 0.04 | 0.01 | |
| CBDa | 0.00083 | 0.00408 | ND | ND | |
| CBDV | 0.00041 | 0.00408 | ND | ND | |
| CBG | 0.00152 | 0.00408 | ND | ND | |
| CBGa | 0.0008 | 0.00408 | ND | ND | |
| CBN | 0.00066 | 0.00408 | ND | ND | |
| THCa | 0.00091 | 0.00408 | ND | ND | |
| THCV | 0.0016 | 0.00408 | ND | ND | |
| Δ8-THC | 0.00172 | 0.00408 | ND | ND | |
| Δ9-THC | 0.00172 | 0.00408 | ND | ND | |
| Total | | | 9.29 | 2.28 | |

1 serving = 1 gummy, 4.075 grams; 15.0 servings per package; 0.0 mg/package Total THC; 138.75 mg/package Total CBD;

Date Tested: 05/22/2019

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
 05/22/2019



 Anya Engen
 Quality Manager
 05/22/2019

Soji Health 10mg Strawberry Gummies

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Pesticides

Testing method: LCMS & GCMS-SOP 301

Pass

| Analyte | LOD | LOQ | Limit | Mass | Status | Analyte | LOD | LOQ | Limit | Mass | Status |
|---------------------|--------|--------|-------|------|--------|-------------------------|--------|--------|-------|------|--------|
| | µg/g | µg/g | µg/g | µg/g | | | µg/g | µg/g | µg/g | µg/g | |
| Abamectin | 0.018 | 0.059 | 0.3 | ND | Pass | Fludioxonil | 0.007 | 0.024 | 30.0 | ND | Pass |
| Acephate | 0.009 | 0.029 | 5.0 | ND | Pass | Hexythiazox | 0.007 | 0.024 | 2.0 | ND | Pass |
| Acequinocyl | 0.005 | 0.018 | 4.0 | ND | Pass | Imazalil * | 0.004 | 0.012 | 0.1 | ND | Pass |
| Acetamiprid | 0.004 | 0.013 | 5.0 | ND | Pass | Imidacloprid | 0.039 | 0.129 | 3.0 | ND | Pass |
| Aldicarb * | 0.004 | 0.013 | 0.1 | ND | Pass | Kresoxim Methyl | 0.005 | 0.017 | 1.0 | ND | Pass |
| Azoxystrobin | 0.006 | 0.019 | 40.0 | ND | Pass | Malathion | 0.01 | 0.032 | 5.0 | ND | Pass |
| Bifenazate | 0.004 | 0.014 | 5.0 | ND | Pass | Metalaxyl | 0.003 | 0.01 | 15.0 | ND | Pass |
| Bifenthrin | 0.008 | 0.027 | 0.5 | ND | Pass | Methiocarb * | 0.006 | 0.02 | 0.1 | ND | Pass |
| Boscalid | 0.006 | 0.019 | 10.0 | ND | Pass | Methomyl | 0.009 | 0.03 | 0.1 | ND | Pass |
| Captan | 0.0789 | 0.2631 | 5.0 | ND | Pass | Methyl Parathion * | 0.007 | 0.0233 | 0.1 | ND | Pass |
| Carbaryl | 0.005 | 0.015 | 0.5 | ND | Pass | Mevinphos * | 0.003 | 0.011 | 0.1 | ND | Pass |
| Carbofuran * | 0.005 | 0.018 | 0.1 | ND | Pass | Myclobutanil | 0.017 | 0.058 | 9.0 | ND | Pass |
| Chlorantraniliprole | 0.007 | 0.024 | 40.0 | ND | Pass | Naled | 0.007 | 0.024 | 0.5 | ND | Pass |
| Chlordane * | 0.0291 | 0.0969 | 0.1 | ND | Pass | Oxamyl | 0.003 | 0.009 | 0.2 | ND | Pass |
| Chlorfenapyr * | 0.01 | 0.033 | 0.1 | ND | Pass | Paclobutrazol * | 0.013 | 0.044 | 0.1 | ND | Pass |
| Chlorpyrifos * | 0.005 | 0.017 | 0.1 | ND | Pass | Pentachloronitrobenzene | 0.0046 | 0.0152 | 0.2 | ND | Pass |
| Clofentezine | 0.006 | 0.019 | 0.5 | ND | Pass | Permethrin | 0.011 | 0.036 | 20.0 | ND | Pass |
| Coumaphos * | 0.009 | 0.028 | 0.1 | ND | Pass | Phosmet | 0.007 | 0.025 | 0.2 | ND | Pass |
| Cyfluthrin | 0.008 | 0.026 | 1.0 | ND | Pass | Piperonyl Butoxide | 0.005 | 0.018 | 8.0 | ND | Pass |
| Cypermethrin | 0.013 | 0.044 | 1.0 | ND | Pass | Prallethrin | 0.007 | 0.024 | 0.4 | ND | Pass |
| Daminozide * | 0.021 | 0.07 | 0.1 | ND | Pass | Propiconazole | 0.008 | 0.026 | 20.0 | ND | Pass |
| DDVP * | 0.004 | 0.012 | 0.1 | ND | Pass | Propoxur * | 0.004 | 0.013 | 0.1 | ND | Pass |
| Diazinon | 0.005 | 0.017 | 0.2 | ND | Pass | Pyrethrins | 0.003 | 0.01 | 1.0 | ND | Pass |
| Dimethoate * | 0.003 | 0.011 | 0.1 | ND | Pass | Pyridaben | 0.008 | 0.027 | 3.0 | ND | Pass |
| Dimethomorph | 0.007 | 0.023 | 20.0 | ND | Pass | Spinetoram | 0.007 | 0.022 | 3.0 | ND | Pass |
| Ethoprophos * | 0.004 | 0.013 | 0.1 | ND | Pass | Spinosad | 0.005 | 0.016 | 3.0 | ND | Pass |
| Etofenprox * | 0.005 | 0.017 | 0.1 | ND | Pass | Spiromesifen | 0.007 | 0.023 | 12.0 | ND | Pass |
| Etoxazole | 0.006 | 0.018 | 1.5 | ND | Pass | Spirotetramat | 0.009 | 0.03 | 13.0 | ND | Pass |
| Fenhexamid | 0.009 | 0.03 | 10.0 | ND | Pass | Spiroxamine * | 0.006 | 0.019 | 0.1 | ND | Pass |
| Fenoxycarb * | 0.007 | 0.022 | 0.1 | ND | Pass | Tebuconazole | 0.013 | 0.042 | 2.0 | ND | Pass |
| Fenpyroximate | 0.009 | 0.03 | 2.0 | ND | Pass | Thiacloprid * | 0.007 | 0.023 | 0.1 | ND | Pass |
| Fipronil * | 0.017 | 0.056 | 0.1 | ND | Pass | Thiamethoxam | 0.004 | 0.013 | 4.5 | ND | Pass |
| Flonicamid | 0.0244 | 0.0814 | 2.0 | ND | Pass | Trifloxystrobin | 0.004 | 0.014 | 30.0 | ND | Pass |

Date Tested: 05/20/2019

* 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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 Mallory Speakman
 Laboratory Director - LA
 05/22/2019

 Anya Engen
 Quality Manager
 05/22/2019

Soji Health 10mg Strawberry Gummies

Sample ID: 1905CSALA3735.3014

Strain: Strawberry Gummies

Matrix: Ingestible

Type: Soft Chew

Sample Size: 1 units

Batch Size:

Produced: N/A

Collected: 05/16/2019

Received: 05/16/2019

Completed: 05/22/2019

Batch#:

Client

Soji Health Sciences

Lic. #

N Hollywood, CA 91601

Heavy Metals

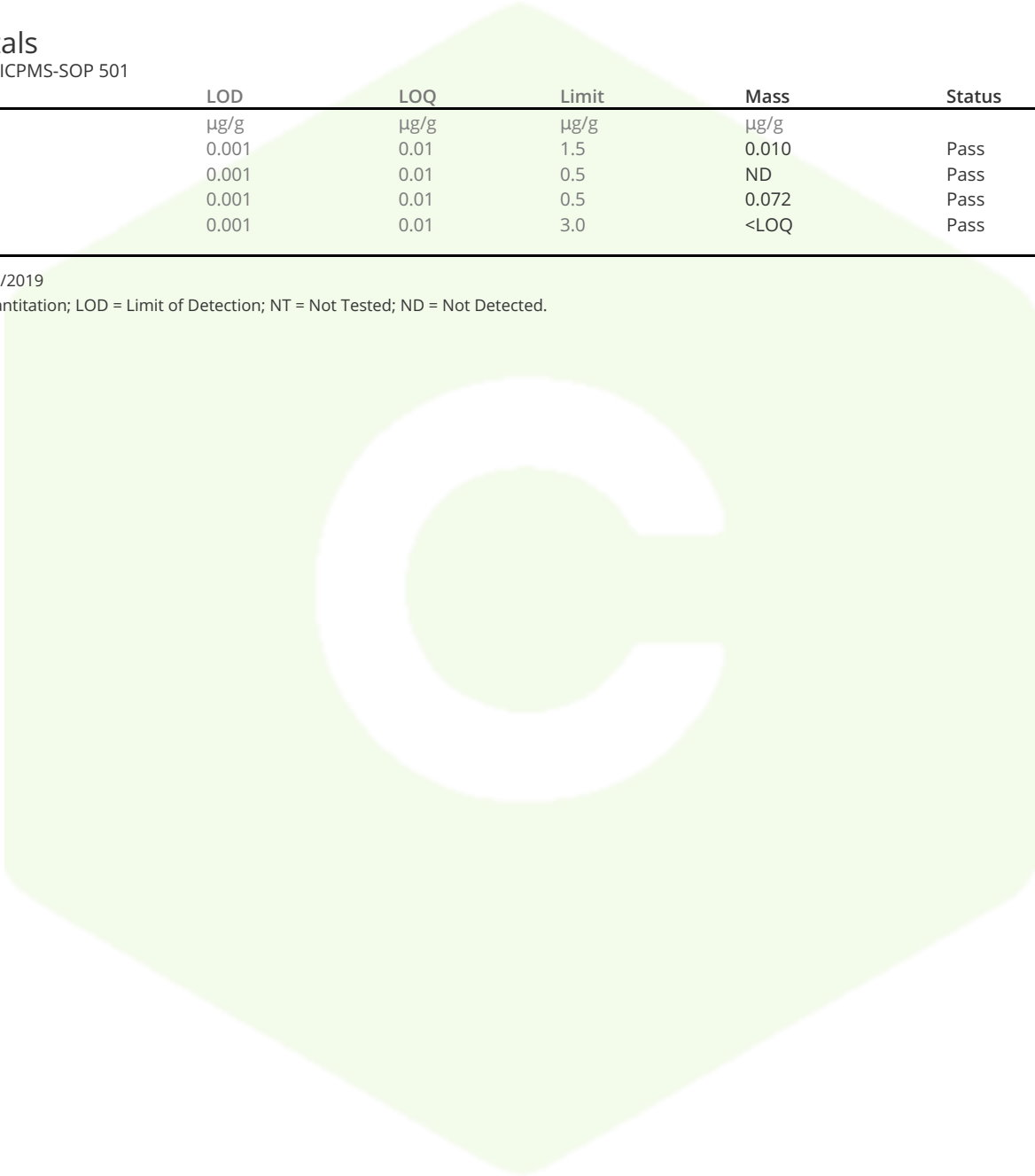
Testing method: ICPMS-SOP 501

Pass

| Analyte | LOD | LOQ | Limit | Mass | Status |
|---------|-------|------|-------|-------|--------|
| | µg/g | µg/g | µg/g | µg/g | |
| Arsenic | 0.001 | 0.01 | 1.5 | 0.010 | Pass |
| Cadmium | 0.001 | 0.01 | 0.5 | ND | Pass |
| Lead | 0.001 | 0.01 | 0.5 | 0.072 | Pass |
| Mercury | 0.001 | 0.01 | 3.0 | <LOQ | Pass |

Date Tested: 05/22/2019

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Soji Health 10mg Strawberry Gummies

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Strain: Strawberry Gummies

Matrix: Ingestible

Type: Soft Chew

Sample Size: 1 units

Batch Size:

Produced: N/A

Collected: 05/16/2019

Received: 05/16/2019

Completed: 05/22/2019

Batch#:

Client

Soji Health Sciences

Lic. #

N Hollywood, CA 91601

Residual Solvents

Testing method: HSGCMS-SOP 202

Pass

| Analyte | LOD | LOQ | Limit | Mass | Status |
|---------------------|--------|--------|-------|------|--------|
| | µg/g | µg/g | µg/g | µg/g | |
| 1,2-Dichloro-Ethane | 0.024 | 0.24 | 1 | ND | Pass |
| Acetone | 0.112 | 1.12 | 5000 | ND | Pass |
| Acetonitrile | 0.0196 | 0.196 | 410 | ND | Pass |
| Benzene | 0.0096 | 0.096 | 1 | ND | Pass |
| Butane | 0.2 | 2.0 | 5000 | ND | Pass |
| Chloroform | 0.0288 | 0.288 | 1 | ND | Pass |
| Ethanol | 0.112 | 1.12 | 5000 | ND | Pass |
| Ethyl-Acetate | 0.112 | 1.12 | 5000 | ND | Pass |
| Ethylene Oxide | 0.024 | 0.24 | 1 | ND | Pass |
| Ethyl-Ether | 0.112 | 1.12 | 5000 | ND | Pass |
| Heptane | 0.112 | 1.12 | 5000 | ND | Pass |
| Isopropanol | 0.112 | 1.12 | 5000 | ND | Pass |
| Methanol | 0.144 | 1.44 | 3000 | ND | Pass |
| Methylene-Chloride | 0.0288 | 0.288 | 1 | ND | Pass |
| n-Hexane | 0.1392 | 1.392 | 290 | ND | Pass |
| Pentane | 0.112 | 1.12 | 5000 | ND | Pass |
| Propane | 0.08 | 0.8 | 5000 | ND | Pass |
| Toluene | 0.4272 | 4.272 | 890 | ND | Pass |
| Trichloroethene | 0.0384 | 0.384 | 1 | ND | Pass |
| Xylenes | 1.0416 | 10.416 | 2170 | ND | Pass |

Date Tested: 05/20/2019

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 Laboratory Director - LA
 05/22/2019

 Anya Engen
 Quality Manager
 05/22/2019

Hemp Concentrate

Sample ID: 1905CSALA4036.3988

Strain: Hemp Concentrate

Matrix: Concentrates & Extracts

Type: Other

Sample Size: 1 units

Batch Size:

Produced: N/A

Collected: 05/24/2019

Received: 05/24/2019

Completed: 05/29/2019

Batch#: 190508M001

Client

Sunderstorm

Lic. #

6613 Hollis Street, Suite 1

Emeryville, CA 94608



Summary

Pass

852.69 mg/g

Total Cannabinoids

Pass

Pesticides

Pass

Residual Solvents

Pass

Microbials

Pass

Mycotoxins

Pass

Heavy Metals

Cannabinoids

Testing method: HPLC-SOP 101

Pass

| Analyte | LOD | LOQ | Mass | Mass |
|--------------|---------|-------|---------------|--------------|
| | mg/g | mg/g | mg/g | % |
| CBD | 0.00037 | 0.001 | 839.66 | 83.97 |
| CBC | 0.00014 | 0.001 | 8.62 | 0.86 |
| CBDV | 0.0001 | 0.001 | 4.41 | 0.44 |
| CBDa | 0.0002 | 0.001 | ND | ND |
| CBG | 0.00037 | 0.001 | ND | ND |
| CBGa | 0.0002 | 0.001 | ND | ND |
| CBN | 0.00016 | 0.001 | ND | ND |
| THCa | 0.00022 | 0.001 | ND | ND |
| THCV | 0.00039 | 0.001 | ND | ND |
| Δ8-THC | 0.00042 | 0.001 | ND | ND |
| Δ9-THC | 0.00042 | 0.001 | ND | ND |
| Total | | | 852.69 | 85.27 |

Terpenes

Testing method: HS-GC-FID - SOP 201

Not Tested

NT

Moisture

Moisture Analyzer SOP-103

NT

Water Activity

Water Activity Meter SOP-102

Pass

Foreign Matter

Visual Inspection SOP-001

Date Tested: 05/24/2019

ND

Total THC

839.66 mg/g

Total CBD

Date Tested: 05/28/2019

Total THC = THCa * 0.877 + d9-THC

Total CBD = CBDa * 0.877 + CBD

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



 Mallory Speakman
 Laboratory Director - LA
 05/29/2019



 Anya Engen
 Quality Manager
 05/29/2019

Hemp Concentrate

Sample ID: 1905CSALA4036.3988

 Strain: Hemp Concentrate
 Matrix: Concentrates & Extracts
 Type: Other
 Sample Size: 1 units
 Batch Size:

 Produced: N/A
 Collected: 05/24/2019
 Received: 05/24/2019
 Completed: 05/29/2019
 Batch#: 190508M001

 Client
Sunderstorm
 Lic. #
 6613 Hollis Street, Suite 1
 Emeryville, CA 94608

Pesticides

Testing method: LCMS & GCMS-SOP 301

Pass

| Analyte | LOD | LOQ | Limit | Mass | Status | Analyte | LOD | LOQ | Limit | Mass | 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 | Metalaxyl | 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 | Pacllobutrazol * | 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: 05/29/2019

* 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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 Mallory Speakman
 Laboratory Director - LA
 05/29/2019

 Anya Engen
 Quality Manager
 05/29/2019

Hemp Concentrate

Sample ID: 1905CSALA4036.3988

 Strain: Hemp Concentrate
 Matrix: Concentrates & Extracts
 Type: Other
 Sample Size: 1 units
 Batch Size:

 Produced: N/A
 Collected: 05/24/2019
 Received: 05/24/2019
 Completed: 05/29/2019
 Batch#: 190508M001

 Client
Sunderstorm
 Lic. #
 6613 Hollis Street, Suite 1
 Emeryville, CA 94608

Microbials

Testing method: PCR-SOP 401

Pass

| 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 |

Date Tested: 05/28/2019

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Mycotoxins

Testing method: LCMS-SOP 301

Pass

| Analyte | LOD | LOQ | Limit | Units | 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 |

Date Tested: 05/28/2019

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Heavy Metals

Testing method: ICPMS-SOP 501

Pass

| Analyte | LOD | LOQ | Limit | Mass | Status |
|---------|-------|------|-------|-------|--------|
| | µg/g | µg/g | µg/g | µg/g | |
| Arsenic | 0.001 | 0.01 | 0.2 | <LOQ | Pass |
| Cadmium | 0.001 | 0.01 | 0.2 | ND | Pass |
| Lead | 0.001 | 0.01 | 0.5 | 0.088 | Pass |
| Mercury | 0.001 | 0.01 | 0.1 | 0.011 | Pass |

Date Tested: 05/29/2019

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Completed: 05/29/2019

Batch#: 190508M001

Client

Sunderstorm

Lic. #

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Emeryville, CA 94608

Residual Solvents

Testing method: HSGCMS-SOP 202

Pass

| Analyte | LOD | LOQ | Limit | Mass | Status |
|---------------------|--------|--------|-------|------|--------|
| | µg/g | µg/g | µg/g | µg/g | |
| 1,2-Dichloro-Ethane | 0.024 | 0.24 | 1 | ND | Pass |
| Acetone | 0.112 | 1.12 | 5000 | ND | Pass |
| Acetonitrile | 0.0196 | 0.196 | 410 | ND | Pass |
| Benzene | 0.0096 | 0.096 | 1 | ND | Pass |
| Butane | 0.2 | 2.0 | 5000 | ND | Pass |
| Chloroform | 0.0288 | 0.288 | 1 | ND | Pass |
| Ethanol | 0.112 | 1.12 | 5000 | ND | Pass |
| Ethyl-Acetate | 0.112 | 1.12 | 5000 | ND | Pass |
| Ethylene Oxide | 0.024 | 0.24 | 1 | ND | Pass |
| Ethyl-Ether | 0.112 | 1.12 | 5000 | ND | Pass |
| Heptane | 0.112 | 1.12 | 5000 | ND | Pass |
| Isopropanol | 0.112 | 1.12 | 5000 | ND | Pass |
| Methanol | 0.144 | 1.44 | 3000 | ND | Pass |
| Methylene-Chloride | 0.0288 | 0.288 | 1 | ND | Pass |
| n-Hexane | 0.1392 | 1.392 | 290 | ND | Pass |
| Pentane | 0.112 | 1.12 | 5000 | ND | Pass |
| Propane | 0.08 | 0.8 | 5000 | ND | Pass |
| Toluene | 0.4272 | 4.272 | 890 | ND | Pass |
| Trichloroethene | 0.0384 | 0.384 | 1 | ND | Pass |
| Xylenes | 1.0416 | 10.416 | 2170 | ND | Pass |

Date Tested: 05/28/2019

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
 05/29/2019

 Anya Engen
 Quality Manager
 05/29/2019



2129 E. Cedar Street Suite 5. Tempe, AZ. 85281
www.naturalhempolutions.com

Certificate of Origin: WinHC

Description

NHS WinHC is a formulated blend of industrial hemp oil. The oil is Super Critical c02 extracted and is cultivated and farmed in Louisville, Kentucky in the United States of America under the guidelines and approval of the Kentucky Department of Agriculture Hemp Research Pilot Program.

General information

| | |
|-------------------------------|---|
| Application and Use | Retail and research only |
| Composition | 100% Hemp extract by weight |
| Organic Certification | Not certified |
| Storage and Shelf Life | 24 months from date of production in original packaging. Store cool dark and dry. |
| Products used in | CBD |

Ingredients

| | | | |
|--------------------------------|--------------------------|----------------------------------|--------------------------|
| Ingredient | Hemp CBD Oil | Country/State Origin Code | KY |
| Botanical Name | <i>Cannabis sativa-L</i> | Organic Certification | Not certified |
| Plant parts used in oil | Stalk, stem | Country/State of Origin | United States - Kentucky |

| | |
|---|---|
| Batch: KY - HC - 19142 | Batch Size: 294 kg |
| Total Quantity Produced 76 KGS of Active CBD Molecule | Starting Material Batch: KY - DC - 19134.1 |
| Yield: 98% | Starting Material Origin: Kentucky, USA |
| Batch Code: KY | Starting Material Extraction Method: Super Critical c02 |
| Product Name: WinHC | Blending Material: N/A |
| Batch Number: 19142 | |

Specification

| | |
|--------------------|----------------------------------|
| Appearance | Gold to Amber or slightly Orange |
| Odor | Earth hemp odor |
| Consistency | Semi solid to thick slow flowing |
| Solubility | Soluble in oils and ethanol |

Assay

| | |
|---|-----|
| Potency - Testing Methods: HPLC, UPLC, SFC, GC | |
| Total CBD | 82% |
| Tetrahydrocannabinol (THC) | NDT |