



CERTIFICATE OF ANALYSIS

Certificate Date	10/02/2019	Supplier/Manufacturer	Soji Health
Product Item #	SE-ALPI-150	Date of Manufacture	08/06/2019
Product Name	Pineapple Gummies 1 serving = 1 gummy	Batch/lot #	M570
		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	9.62 mg/serving	10 mg/serving
THC	0 mg/serving (0%)	0 mg/serving (0%)
Pesticides	ND	ND
Residual Solvents	ND	ND
Arsenic	ND	ND
Lead	0.067 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	Faint yellow	Faint yellow
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 Pineapple Gummies

Sample ID: 1905CSALA3735.3013

Strain: Pineapple 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;">ND</p> <p style="text-align: center;">Total THC</p>	<p style="text-align: center; font-size: 2em;">9.62 mg/serving</p> <p style="text-align: center;">Total CBD</p>	<p style="text-align: center; font-size: 2em;">9.66 mg/serving</p> <p style="text-align: center;">Total Cannabinoids</p>
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Cannabinoids

Testing method: HPLC-SOP 101

Pass

Analyte	LOD	LOQ	Mass	Mass	
	mg/serving	mg/serving	mg/serving	mg/g	
CBD	0.00156	0.00418	9.62	2.30	<div style="width: 100%; height: 100%; background-color: #d4edda; border: 1px solid #c3e6cb;"></div>
CBC	0.0006	0.00418	0.04	0.01	
CBDa	0.00085	0.00418	ND	ND	
CBDV	0.00042	0.00418	ND	ND	
CBG	0.00156	0.00418	ND	ND	
CBGa	0.00082	0.00418	ND	ND	
CBN	0.00068	0.00418	ND	ND	
THCa	0.00094	0.00418	ND	ND	
THCV	0.00164	0.00418	ND	ND	
Δ8-THC	0.00176	0.00418	ND	ND	
Δ9-THC	0.00177	0.00418	ND	ND	
Total			9.66	2.31	

1 serving = 1 gummy, 4.183 grams; 15.0 servings per package; 0.0 mg/package Total THC; 144.31 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 Pineapple 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	Paclobotrazol *	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

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 Anya Engen
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Soji Health 10mg Pineapple Gummies

Sample ID: 1905CSALA3735.3013

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Matrix: Ingestible

Type: Soft Chew

Sample Size: 1 units

Batch Size:

Produced: N/A

Collected: 05/16/2019

Received: 05/16/2019

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N Hollywood, CA 91601

Heavy Metals

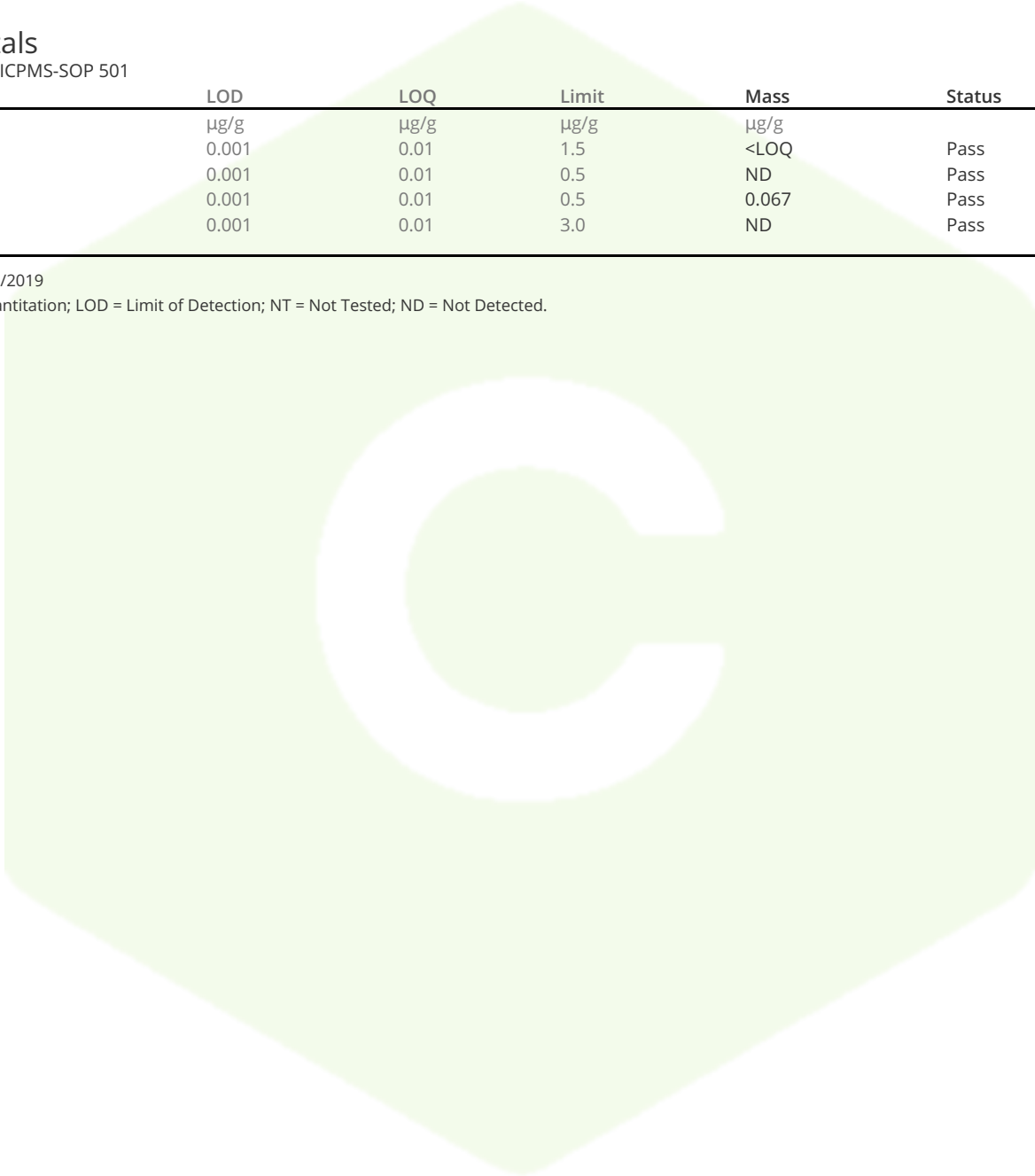
Testing method: ICPMS-SOP 501

Pass

Analyte	LOD	LOQ	Limit	Mass	Status
	µg/g	µg/g	µg/g	µg/g	
Arsenic	0.001	0.01	1.5	<LOQ	Pass
Cadmium	0.001	0.01	0.5	ND	Pass
Lead	0.001	0.01	0.5	0.067	Pass
Mercury	0.001	0.01	3.0	ND	Pass

Date Tested: 05/22/2019

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 05/22/2019

 Anya Engen
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 05/22/2019

Soji Health 10mg Pineapple Gummies

Sample ID: 1905CSALA3735.3013

Strain: Pineapple 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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 Mallory Speakman
 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

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

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	Paclobotrazol *	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
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 Completed: 05/29/2019
 Batch#: 190508M001

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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

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

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

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Hemp Concentrate

Sample ID: 1905CSALA4036.3988

Strain: Hemp Concentrate

Matrix: Concentrates & Extracts

Type: Other

Sample Size: 1 units

Batch Size:

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Collected: 05/24/2019

Received: 05/24/2019

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Batch#: 190508M001

Client

Sunderstorm

Lic. #

6613 Hollis Street, Suite 1

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

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 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 Yield: 98% Batch Code: KY Product Name: WinHC Batch Number: 19142	Starting Material Batch: KY - DC - 19134.1 Starting Material Origin: Kentucky, USA Starting Material Extraction Method: Super Critical c02 Blending Material: N/A

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