



### CERTIFICATE OF ANALYSIS

<b>Certificate Date</b>	10/02/2019	<b>Supplier/Manufacturer</b>	Soji Health
<b>Product Item #</b>	SS-SUNS-30	<b>Date of Manufacture</b>	08/01/2019
<b>Product Name</b>	Sunset Sleep 1 serving = 1ml	<b>Batch/lot #</b>	C800
		<b>Expiry Date</b>	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	8.023 mg/serving	8.000 mg/serving
THC	0 mg/serving (0%)	0 mg/serving (0%)
Pesticides	ND	ND
Residual Solvents	ND	ND
Arsenic	ND	ND
Lead	0.050 µg/g	<0.5 µg/g
Cadmium	ND	<0.5 µg/g
Mercury	ND	<3.0 µg/g
pH @ 25°C	NT	NT
Odor	Mint	Mint
Appearance	Amber	Amber
Viscosity RVD @10rpm @25°C	NT	NT
Microbials	ND	ND
Mycotoxins	ND	ND

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.

## SunSet Hemp CBD

Sample ID: 1907CSALA5276.8485

Strain: SunSet Hemp CBD

Matrix: Concentrates &amp; Extracts

Type: Tincture

Sample Size: 1 units

Batch Size:

Produced: N/A

Collected: 07/03/2019

Received: 07/03/2019

Completed: 07/11/2019

Batch#:

Client

Soji Health Sciences

Lic. #

N Hollywood, CA 91601



### Summary

Pass

**120.81**  
**mg/package**  
 Total Cannabinoids

Pass

Pesticides

Pass

Residual Solvents

Pass

Microbials

Pass

Mycotoxins

Pass

Heavy Metals

### Cannabinoids

Pass

Testing method: HPLC-SOP 101

Analyte	LOD	LOQ	Mass	Mass
	mg/package	mg/package	mg/package	mg/ml
CBD	0.00578	0.01551	120.35	8.02
CBDV	0.00155	0.01551	0.47	0.03
CBC	0.00222	0.01551	ND	ND
CBDa	0.00315	0.01551	ND	ND
CBG	0.00578	0.01551	ND	ND
CBGa	0.00304	0.01551	ND	ND
CBN	0.00251	0.01551	ND	ND
THCa	0.00347	0.01551	ND	ND
THCV	0.00608	0.01551	ND	ND
Δ8-THC	0.00653	0.01551	ND	ND
Δ9-THC	0.00656	0.01551	ND	ND
<b>Total</b>			<b>120.81</b>	<b>8.05</b>

ND

Total THC

**120.35 mg/package**

Total CBD

1 serving = 1 bottle, 15.0 milliliters; Density = 1.0339 g/ml; 1.0 servings per package; 0.0 mg/package Total THC; 120.35 mg/package Total CBD;

Date Tested: 07/09/2019

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.

### Terpenes

Complete

Testing method: HS-GC-FID - SOP 201

Analyte	LOD	LOQ	Mass	Mass
	%	%	%	mg/g
Linalool	0.00015	0.0013	0.39	3.93
β-Myrcene	0.00012	0.0013	0.37	3.67
Terpinolene	0.00016	0.0013	0.28	2.80
δ-Limonene	0.00016	0.0013	0.07	0.66
Eucalyptol	0.00017	0.0013	0.06	0.59
β-Caryophyllene	0.00017	0.0013	0.03	0.31
β-Pinene	0.00034	0.0013	0.02	0.24
δ-3-Carene	0.0004	0.0013	0.02	0.19
α-Bisabolol	0.00015	0.0013	0.01	0.15
α-Pinene	0.00015	0.0013	0.01	0.10
Guaiol	0.00018	0.0013	0.01	0.07
α-Humulene	0.00057	0.0013	0.00	0.05
Camphene	0.00072	0.0013	ND	ND
Caryophyllene Oxide	0.00017	0.0013	ND	ND
Geraniol	0.00013	0.0013	ND	ND
Isopulegol	0.00011	0.0013	ND	ND
Ocimene	0.00013	0.0013	ND	ND
p-Cymene	0.0001	0.0013	ND	ND
trans-Nerolidol	0.00058	0.0013	ND	ND
α-Terpinene	0.00012	0.0013	ND	ND
γ-Terpinene	0.00012	0.0013	ND	ND
<b>Total</b>			<b>1.28</b>	<b>12.77</b>

Date Tested: 07/08/2019

NT

Moisture

Moisture Analyzer SOP-103

NT

Water Activity

Water Activity Meter SOP-102

NT

Foreign Matter

Visual Inspection SOP-001


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



 Mallory Speakman  
 Laboratory Director - LA  
 07/11/2019



 Anya Engen  
 Quality Manager  
 07/11/2019

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N Hollywood, CA 91601

## Pesticides

Pass

Testing method: LCMS &amp; GCMS-SOP 301

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	0.3	ND	Pass	Fludioxonil	0.0143	0.048	30.0	ND	Pass
Acephate	0.005	0.017	5.0	ND	Pass	Hexythiazox	0.0237	0.079	2.0	ND	Pass
Acequinocyl	0.0193	0.064	4.0	ND	Pass	Imazaili *	0.0077	0.026	0.0077	ND	Pass
Acetamiprid	0.0073	0.024	5.0	ND	Pass	Imidacloprid	0.0053	0.018	3.0	ND	Pass
Aldicarb *	0.0094	0.031	0.0094	ND	Pass	Kresoxim Methyl	0.0182	0.061	1.0	ND	Pass
Azoxystrobin	0.015	0.05	40.0	ND	Pass	Malathion	0.015	0.05	5.0	ND	Pass
Bifenazate	0.0129	0.043	5.0	ND	Pass	Metaxyl	0.0076	0.025	15.0	ND	Pass
Bifenthrin	0.029	0.097	0.5	ND	Pass	Methiocarb *	0.0103	0.034	0.0103	ND	Pass
Boscalid	0.0172	0.058	10.0	ND	Pass	Methomyl	0.0109	0.036	0.1	ND	Pass
Captan	0.036	0.12	5.0	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	9.0	ND	Pass
Chlorantraniliprole	0.0095	0.032	40.0	ND	Pass	Naled	0.0107	0.036	0.5	ND	Pass
Chlordane *	0.0055	0.0182	0.0055	ND	Pass	Oxamyl	0.0071	0.024	0.2	ND	Pass
Chlorfenapyr *	0.0048	0.0159	0.0048	ND	Pass	Paclotrazol *	0.0092	0.031	0.0092	ND	Pass
Chlorpyrifos *	0.0197	0.066	0.0197	ND	Pass	Pentachloronitrobenzene	0.0084	0.0279	0.2	ND	Pass
Clofentezine	0.0216	0.072	0.5	ND	Pass	Permethrin	0.0142	0.048	20.0	ND	Pass
Coumaphos *	0.0196	0.065	0.0196	ND	Pass	Phosmet	0.0138	0.046	0.2	ND	Pass
Cyfluthrin	0.0107	0.036	1.0	ND	Pass	Piperonyl Butoxide	0.0156	0.052	8.0	ND	Pass
Cypermethrin	0.0105	0.035	1.0	ND	Pass	Prallethrin	0.018	0.06	0.4	ND	Pass
Daminozide *	0.0052	0.017	0.0052	ND	Pass	Propiconazole	0.013	0.043	20.0	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	0.2	ND	Pass	Pyrethrins	0.0025	0.008	1.0	ND	Pass
Dimethoate *	0.0083	0.028	0.0083	ND	Pass	Pyridaben	0.0236	0.079	3.0	ND	Pass
Dimethomorph	0.0025	0.008	20.0	ND	Pass	Spinetoram	0.0042	0.014	3.0	ND	Pass
Ethoprophos *	0.0112	0.037	0.0112	ND	Pass	Spinosad	0.0002	0.001	3.0	ND	Pass
Etofenprox *	0.0247	0.082	0.0247	ND	Pass	Spiromesifen	0.0199	0.066	12.0	ND	Pass
Etoxazole	0.0269	0.09	1.5	ND	Pass	Spirotetramat	0.0068	0.023	13.0	ND	Pass
Fenhexamid	0.0215	0.072	10.0	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	2.0	ND	Pass
Fenpyroximate	0.0253	0.084	2.0	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	4.5	ND	Pass
Flonicamid	0.0073	0.024	2.0	ND	Pass	Trifloxystrobin	0.0192	0.064	30.0	ND	Pass

Date Tested: 07/08/2019

\* 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

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: 07/08/2019

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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: 07/08/2019

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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	0.02	0.06	1.5	ND	Pass
Cadmium	0.03	0.1	0.5	ND	Pass
Lead	0.002	0.005	0.5	0.050	Pass
Mercury	0.02	0.06	3.0	<LOQ	Pass

Date Tested: 07/07/2019

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## 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		119880.86	Tested
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: 07/10/2019

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 Laboratory Director - LA  
 07/11/2019



 Anya Engen  
 Quality Manager  
 07/11/2019



2129 E. Cedar Street Suite 5. Tempe, AZ. 85281  
[www.naturalhempolutions.com](http://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

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

### Ingredients

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

<b>Appearance</b>	Gold to Amber or slightly Orange
<b>Odor</b>	Earth hemp odor
<b>Consistency</b>	Semi solid to thick slow flowing
<b>Solubility</b>	Soluble in oils and ethanol

### Assay

<b>Potency - Testing Methods: HPLC, UPLC, SFC, GC</b>	
Total CBD	82%
Tetrahydrocannabinol (THC)	NDT