



# Certificate of Analysis

Sample: DA00622004-003  
Harvest/Lot ID: FS0365497  
Seed to Sale #N/A  
Batch Date :N/A  
Batch#: DAF8765498  
Sample Size Received: 30 ml  
Retail Product Size: 30  
Ordered : 06/16/20  
Sampled : 06/16/20  
Completed: 06/29/20 Expires: 06/29/21  
Sampling Method: SOP Client Method

Jun 29, 2020 | Soothing Solutions

3617 Webber St  
Sarasota, FL, 34232, United States



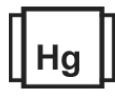
**PASSED**

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PRODUCT IMAGE SAFETY RESULTS



Pesticides  
**PASSED**



Heavy Metals  
**PASSED**



Microbials  
**PASSED**



Mycotoxins  
**PASSED**



Residuals  
Solvents  
**PASSED**



Filtration  
**PASSED**



Water Activity  
NOT TESTED



Moisture  
NOT TESTED



Terpenes  
NOT TESTED

MISC.

CANNABINOID RESULTS



Total THC  
**0.144%**

THC/Container :39.744 mg



Total CBD  
**5.807%**

CBD/Container :1602.732 mg



Total Cannabinoids  
**6.093%**

Total Cannabinoids/Container  
:1681.668 mg

CBC	CBGA	CBG	THCV	D8-THC	CBDV	CBN	CBDA	CBD	D9-THC	THCA
ND	ND	0.120%	ND	ND	0.022%	ND	ND	5.807%	0.144%	ND
ND	ND	1.200 mg/g	ND	ND	0.220 mg/g	ND	ND	58.070 mg/g	1.440 mg/g	ND
LOD 0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.001 %	0.0001 %	0.0001 %	0.001 %

**Filtration PASSED**

Analyzed By 457 Weight 1g Extraction date NA LOD(ppm) NA Extracted By NA  
Analysis Method -SOP.T.40.013 Batch Date : 06/22/20 11:37:47  
Analytical Batch -DA013330FIL Reviewed On - 06/22/20 14:24:40  
Instrument Used : Filtration/Foreign Material Microscope

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. An SH-2B/T Stereo Microscope is use for inspection.

Cannabinoid Profile Test

Analyzed by 450 Weight 2.5767g Extraction date : 06/23/20 03:06:47 Extracted By : 574  
Analysis Method -SOP.T.40.020, SOP.T.30.050 Reviewed On - 06/24/20 11:15:30  
Analytical Batch -DA013351POT Instrument Used : DA-LC-001 Batch Date : 06/23/20 09:32:51

Reagent	Dilution	Consums. ID
061220.16	400	280670723
031820.R16		918C4-918J
061820.R17		914C4-914AK
061820.R16		929C6-929H
		76262-590

Full spectrum cannabinoid analysis utilizing High Performance Liquid Chromatography with UV detection (HPLC-UV). (Method: SOP.T.30.050 for sample prep and Shimadzu High Sensitivity Method SOP.T.40.020 for analysis. LOQ for all cannabinoids is 1 mg/L).

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Jorge Segredo  
Lab Director

State License # CMTL-0002  
ISO Accreditation # 97164



Signature

06/29/2020

Signed On



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**PASSED**

Soothing Solutions

3617 Webber St  
Sarasota, FL, 34232, United States  
Telephone: 9413768767  
Email: AustinJones777@comcast.net

Sample : DA00622004-003  
Harvest/LOT ID: FS0365497

Batch# : DAF8765498 Sample Size Received : 30 ml  
Sampled : 06/16/20 Completed : 06/29/20 Expires: 06/29/21  
Ordered : 06/16/20 Sample Method : SOP Client Method

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## Pesticides

# PASSED

Pesticides	LOD	Units	Action Level	Result	Pesticides	LOD	Units	Action Level	Result
ABAMECTIN B1A	0.01	ppm	0.3	ND	PRALLETHRIN	0.01	ppm	0.4	ND
ACEPHATE	0.01	ppm	3	ND	PROPICONAZOLE	0.01	ppm	1	ND
ACEQUINOCYL	0.01	ppm	2	ND	PROPOXUR	0.01	ppm	0.1	ND
ACETAMIPRID	0.01	ppm	3	ND	PYRETHRIN I	0.01	ppm	1	ND
ALDICARB	0.01	ppm	0.1	ND	PYRETHRIN II	0.01	ppm	1	ND
AZOXYSTROBIN	0.01	ppm	3	ND	PYRETHRINS	0.05	ppm	1	ND
BIFENAZATE	0.01	ppm	3	ND	PYRIDABEN	0.02	ppm	3	ND
BIFENTHRIN	0.01	ppm	0.5	ND	SPINETORAM	0.02	PPM	3	ND
BOSCALID	0.01	PPM	3	ND	SPINOSAD (SPINOSYN A)	0.01	ppm	3	ND
CARBARYL	0.05	ppm	0.5	ND	SPINOSAD (SPINOSYN D)	0.01	ppm	3	ND
CARBOFURAN	0.01	ppm	0.1	ND	SPIROMESIFEN	0.01	ppm	3	ND
CHLORANTRANILIPROLE	0.1	ppm	3	ND	SPIROTETRAMAT	0.01	ppm	3	ND
CHLORMEQUAT CHLORIDE	0.05	ppm	3	ND	SPIROXAMINE	0.01	ppm	0.1	ND
CHLORPYRIFOS	0.01	ppm	0.1	ND	TEBUCONAZOLE	0.01	ppm	1	ND
CLOFENTEZINE	0.02	ppm	0.5	ND	THIACLOPRID	0.01	ppm	0.1	ND
COUMAPHOS	0.01	ppm	0.1	ND	THIAMETHOXAM	0.05	ppm	1	ND
DAMINOZIDE	0.01	ppm	0.1	ND	TOTAL CONTAMINANT LOAD (PESTICIDES)	0	PPM	20	ND
DIAZANON	0.01	ppm	0.2	ND	TOTAL PERMETHRIN	0.01	ppm	1	ND
DICHLORVOS	0.01	ppm	0.1	ND	TOTAL SPINOSAD	0.01	ppm	3	ND
DIMETHOATE	0.01	ppm	0.1	ND	TRIFLOXYSTROBIN	0.01	ppm	3	ND
DIMETHOMORPH	0.02	ppm	3	ND					
ETHOPROPHOS	0.01	ppm	0.1	ND					
ETOFENPROX	0.01	ppm	0.1	ND					
ETOXAZOLE	0.01	ppm	1.5	ND					
FENHEXAMID	0.01	ppm	3	ND					
FENOXYCARB	0.01	ppm	0.1	ND					
FENPYROXIMATE	0.01	ppm	2	ND					
FIPRONIL	0.01	ppm	0.1	ND					
FLONICAMID	0.01	ppm	2	ND					
FLUDIOXONIL	0.01	ppm	3	ND					
HEXYTHIAZOX	0.01	ppm	2	ND					
IMAZALIL	0.01	ppm	0.1	ND					
IMIDACLOPRID	0.04	ppm	3	ND					
KRESOXIM-METHYL	0.01	ppm	1	ND					
MALATHION	0.02	ppm	2	ND					
METALAXYL	0.01	ppm	3	ND					
METHIOCARB	0.01	ppm	0.1	ND					
METHOMYL	0.01	ppm	0.1	ND					
METHYL PARATHION	0.005	ppm	0.1	ND					
MEVINPHOS	0.01	ppm	0.1	ND					
MYCLOBUTANIL	0.01	ppm	3	ND					
NALED	0.025	ppm	0.5	ND					
OXAMYL	0.05	ppm	0.5	ND					
PACLOBUTRAZOL	0.01	ppm	0.1	ND					
PHOSMET	0.01	ppm	0.2	ND					
PIPERONYL BUTOXIDE	0.1	ppm	3	ND					



### Pesticides

## PASSED

Analyzed by <b>585</b>	Weight 1.0201g	Extraction date 06/23/20 02:06:54	Extracted By 1082
Analysis Method - SOP.T.30.065, SOP.T.40.065, SOP.T.30.065, SOP.T.40.070 Analytical Batch - DA013192PES Instrument Used : DA-LCMS-001_DER (PES) Batch Date : 06/16/20 09:19:56			
Reagent <small>060920.017 041720.03</small>	Dilution	Consums. ID 280678841 76262-590	

Pesticide screen is performed using LC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 67 Pesticides. (Method: SOP.T.30.060 Sample Preparation for Pesticides Analysis via LCMSMS and SOP.T.40.065 Procedure for Pesticide Quantification Using LCMS). \* Volatile Pesticide screening is performed using GC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Analytes marked with an asterisk were tested using GC-MS.

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**Jorge Segredo**  
Lab Director

State License # CMTL-0002  
ISO Accreditation # 97164


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Signature

06/29/2020

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Signed On



# Certificate of Analysis

**PASSED**

**Soothing Solutions**

3617 Webber St  
Sarasota, FL, 34232, United States  
Telephone: 9413768767  
Email: AustinJones777@comcast.net

Sample : DA00622004-003  
Harvest/LOT ID: FS0365497


Batch# : DAF8765498    Sample Size Received : 30 ml  
Sampled : 06/16/20    Completed : 06/29/20    Expires: 06/29/21  
Ordered : 06/16/20    Sample Method : SOP Client Method

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## Residual Solvents

PASSED



## Residual Solvents

PASSED

Solvent	LOD	Units	Action Level (PPM)	Pass/Fail	Result
1,1-DICHLOROETHENE	0.8	ppm	8	PASS	ND
1,2-DICHLOROETHANE	0.2	ppm	5	PASS	ND
2-PROPANOL	50	ppm	500	PASS	ND
ACETONE	75	ppm	5000	PASS	ND
ACETONITRILE	6	ppm	410	PASS	ND
BENZENE	0.1	ppm	2	PASS	ND
BUTANES (N-BUTANE)	500	ppm	2000	PASS	ND
CHLOROFORM	0.2	ppm	60	PASS	ND
DICHLOROMETHANE	12.5	ppm	600	PASS	ND
ETHANOL	500	ppm	5000	PASS	ND
ETHYL ACETATE	40	ppm	5000	PASS	ND
ETHYL ETHER	50	ppm	5000	PASS	ND
ETHYLENE OXIDE	0.5	ppm	5	PASS	ND
HEPTANE	500	ppm	5000	PASS	ND
METHANOL	25	ppm	3000	PASS	ND
N-HEXANE	25	ppm	290	PASS	ND
PENTANES (N-PENTANE)	75	ppm	5000	PASS	ND
PROPANE	500	ppm	2100	PASS	ND
TOLUENE	15	ppm	890	PASS	ND
TOTAL XYLENES	15	ppm	150	PASS	ND
TRICHLOROETHYLENE	2.5	ppm	80	PASS	ND
XYLENES-M (1,3-DIMETHYLBENZENE)	13.5	ppm	2170	PASS	ND
XYLENES-M&P (1,3&1,4-DIMETHYLBENZENE)	27	ppm	2170	PASS	ND
XYLENES-O (1,2-DIMETHYLBENZENE)	13.5	ppm	2170	PASS	ND
XYLENES-P (1,4-DIMETHYLBENZENE)	13.5	ppm	2170	PASS	ND

Analyzed by 850    Weight 0.0220g    Extraction date 06/24/20 02:06:17    Extracted By 850

Analysis Method -SOP.T.40.032  
Analytical Batch -DA013403SOL    Reviewed On - 06/25/20 15:58:21  
Instrument Used : DA-GCMS-002  
Batch Date : 06/24/20 14:21:09

Reagent	Dilution	Consums. ID
	1	H2017.077 00279984 161291-1

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 21 Residual solvents.(Method: SOP.T.30.032 Residual Solvents Analysis via GC-MS).

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Lab Director



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Sarasota, FL, 34232, United States  
Telephone: 9413768767  
Email: AustinJones777@comcast.net

Sample : DA00622004-003  
Harvest/LOT ID: FS0365497

Batch# : DAF8765498 Sample Size Received : 30 ml  
Sampled : 06/16/20 Completed : 06/29/20 Expires: 06/29/21  
Ordered : 06/16/20 Sample Method : SOP Client Method

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**Mycotoxins**
PASSED

Analyte	LOD	Units	Result	Action Level (PPM)
AFLATOXIN G2	0.002	ppm	ND	0.02
AFLATOXIN G1	0.002	ppm	ND	0.02
AFLATOXIN B2	0.002	ppm	ND	0.02
AFLATOXIN B1	0.002	ppm	ND	0.02
OCHRATOXIN A+	0.002	ppm	ND	0.02

Analysis Method -SOP.T.30.065, SOP.T.40.065  
Analytical Batch -DA013193MYC | Reviewed On - 06/24/20 16:01:11  
Instrument Used : DA-LCMS-001\_DER (MYC)  
Batch Date : 06/16/20 09:20:51

Analyzed by **585** Weight **1g** Extraction date **06/23/20 03:06:49** Extracted By **585**

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.065 for Sample Preparation and SOP.T.40.065 Procedure for Mycotoxins Quantification Using LCMS. LOQ 1.0 ppb). Aflatoxin B1, B2, G1, and G2 must individually be <20ug/Kg. Ochratoxins must be <20µg/Kg.

Reagent	Reagent	Consums. ID
052720.48	052720.88	918C4-918J
022120.34	052720.100	914C4-914AK
052720.52	052720.132	50AX26219
052720.63	052720.133	19323
052720.325	052720.137	25219065
052720.68	052720.342	190827060
052720.80	052720.347	850C6-850H
052720.181	052720.222	
052720.184	052720.202	
052720.199	052720.167	
052720.152	052720.281	
052720.156	052720.244	
052720.166	052720.251	
052720.83	052720.254	
052720.86		

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP.T.40.043) If a pathogenic Escherichia Coli, Salmonella, Aspergillus fumigatus, Aspergillus flavus, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological-impurity testing.



**Microbials**
PASSED

Analyte	Result
ASPERGILLUS_FLAVUS	not present in 1 gram.
ASPERGILLUS_FUMIGATUS	not present in 1 gram.
ASPERGILLUS_NIGER	not present in 1 gram.
ASPERGILLUS_TERREUS	not present in 1 gram.
ESCHERICHIA_COLI_SHIGELLA_SPP	not present in 1 gram.
SALMONELLA_SPECIFIC_GENE	not present in 1 gram.

Analysis Method -SOP.T.40.043 / SOP.T.40.045  
Analytical Batch -DA013318MIC | Reviewed On - 06/25/20 16:11:29  
Instrument Used : PathogenDX PCR\_Array Scanner DA-111,PathogenDX PCR\_DA-171  
Batch Date : 06/22/20 09:41:44

Analyzed by **513** Weight **1.0134g** Extraction date **06/22/20 10:06:29** Extracted By **1082**



**Heavy Metals**
PASSED

Reagent	Reagent	Dilution	Consums. ID
062520.R01	062320.R01	100	89401-566
030920.02	062320.R02		
062220.R02	062320.R03		
061220.R02	062520.R02		
062220.R04			
062320.R04			

Metal	LOD	Unit	Result	Action Level (PPM)
ARSENIC	0.02	PPM	ND	1.5
CADMIUM	0.02	PPM	ND	0.5
LEAD	0.05	PPM	ND	0.5
MERCURY	0.02	PPM	ND	3

Analyzed by **53** Weight **0.2542g** Extraction date **06/26/20 09:06:30** Extracted By **457**

Analysis Method -SOP.T.40.050, SOP.T.30.052  
Analytical Batch -DA013432HEA | Reviewed On - 06/29/20 13:51:56  
Instrument Used : DA-ICPMS-002  
Batch Date : 06/25/20 09:30:27

Heavy Metals screening is performed using ICP-MS (Inductively Coupled Plasma - Mass Spectrometer) which can screen down to below single digit ppb concentrations for regulated heavy metals using Method SOP.T.30.052 Sample Preparation for Heavy Metals Analysis via ICP-MS and SOP.T.40.050 Heavy Metals Analysis via ICP-MS.

Reagent	Dilution	Consums. ID
052620.13		181019-274
101519.12		SG298A

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