



Accreditation No. 102356  
 Certificate No. L19-215  
 ISO/IEC 17025:2017 Accredited



(760) 230-9080  
 info@certusanalytics.com  
 26359 Jefferson Ave  
 Murrieta, CA 92562  
 Lic# CB-18-0000049-TEMP

QA Testing

1 of 4

**Sample Name: 30ml 500mg FS**

Sample ID: 1908CER0538.1674  
 Strain: 30ml 500mg FS  
 Matrix: Ingestible  
 Type: Tincture  
 Sample Size: 1 units; Batch:

Produced:  
 Collected:  
 Received: 08/05/2019  
 Completed: 08/12/2019  
 Batch#: TFS500190729



**Summary**

Test	Date Tested	Result
Batch		Pass
Cannabinoids	08/06/2019	Complete
Microbials	08/07/2019	Pass
Pesticides		Complete
Heavy Metals	08/09/2019	Pass
Foreign Matter		Pass

**Cannabinoids**

Complete

<b>24.535 mg/unit</b> Total THC	<b>741.986 mg/unit</b> Total CBD	<b>829.774 mg/unit</b> Total Cannabinoids
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Analyte	LOD mg/unit	LOQ mg/unit	Result mg/unit	Result mg/g
THCa	0.060	0.300	<LOQ	<LOQ
Δ9-THC	0.060	0.300	24.535	0.818
Δ8-THC	0.060	0.300	1.218	0.041
THCV	0.060	0.300	7.541	0.251
CBDa	0.060	0.300	41.027	1.368
CBD	0.060	0.300	706.005	23.534
CBN	0.060	0.300	2.283	0.076
CBGa	0.060	0.300	3.481	0.116
CBG	0.060	0.300	5.580	0.186
CBC	0.060	0.300	38.102	1.270
<b>Total THC</b>			<b>24.535</b>	<b>0.818</b>
<b>Total CBD</b>			<b>741.986</b>	<b>24.733</b>
<b>Total</b>			<b>829.774</b>	<b>27.659</b>

1 Unit = Assuming 1.0g/mL Density; 30mL Bottle, 30g.

Total THC = THCa \* 0.877 + Δ9-THC

Total CBD = CBDa \* 0.877 + CBD

LOQ = Limit of Quantitation; ND = Not Detected; The reported flower/trim results are based on a sample dry-weight as required by California Code of Regulations Title 16 Division 42 section 5724; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Cannabinoids Analytical Method: HPLC SOP-024



*Mike Tunis*

Mike Tunis  
 Laboratory Manager  
 08/12/2019

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**Pesticides**

**Complete**

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				NR	NT	Fludioxonil				NR	NT
Acephate				NR	NT	Hexythiazox				NR	NT
Acequinocyl				NR	NT	Imazalil				NR	NT
Acetamiprid				NR	NT	Imidacloprid				NR	NT
Aldicarb				NR	NT	Kresoxim Methyl				NR	NT
Azoxystrobin				NR	NT	Malathion				NR	NT
Bifenazate				NR	NT	Metalaxyl				NR	NT
Bifenthrin				NR	NT	Methiocarb				NR	NT
Boscalid				NR	NT	Methomyl				NR	NT
Captan				NR	NT	Methyl Parathion				NR	NT
Carbaryl				NR	NT	Mevinphos				NR	NT
Carbofuran				NR	NT	Myclobutanil				NR	NT
Chlorantraniliprole				NR	NT	Naled				NR	NT
Chlordane				NR	NT	Oxamyl				NR	NT
Chlorfenapyr				NR	NT	Pacllobutrazol				NR	NT
Chlorpyrifos				NR	NT	Pentachloronitrobenzene				NR	NT
Clofentezine				NR	NT	Permethrin				NR	NT
Coumaphos				NR	NT	Phosmet				NR	NT
Cyfluthrin				NR	NT	Piperonyl Butoxide				NR	NT
Cypermethrin				NR	NT	Prallethrin				NR	NT
Daminozide				NR	NT	Propiconazole				NR	NT
DDVP				NR	NT	Propoxur				NR	NT
Diazinon				NR	NT	Pyrethrins				NR	NT
Dimethoate				NR	NT	Pyridaben				NR	NT
Dimethomorph				NR	NT	Spinetoram				NR	NT
Ethoprophos				NR	NT	Spinosad				NR	NT
Etofenprox				NR	NT	Spiromesifen				NR	NT
Etoxazole				NR	NT	Spirotetramat				NR	NT
Fenhexamid				NR	NT	Spiroxamine				NR	NT
Fenoxycarb				NR	NT	Tebuconazole				NR	NT
Fenpyroximate				NR	NT	Thiacloprid				NR	NT
Fipronil				NR	NT	Thiamethoxam				NR	NT
Fonicamid				NR	NT	Trifloxystrobin				NR	NT

**Date Tested:**

LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the BCC in 16 CCR section 5719. Pesticides Analytical Method: LCMS & GCMS SOP-025



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**Microbials**

Pass

**Analyte**

Result

Shiga toxin-producing E. Coli  
 Salmonella

CFU/g  
 Not Detected in 1g  
 Not Detected in 1g

Date Tested: 08/07/2019

LOQ = Limit of Quantitation; CFU/g = Colony Forming Units per Gram; Unless otherwise stated all quality control samples performed within specifications established by the BCC in 16 CCR section 5720. Microbial Analytical Method: qPCR SOP-007



*Mike Tunis*

Mike Tunis  
 Laboratory Manager  
 08/12/2019

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**Heavy Metals**

Pass

Analyte	LOD	LOQ	Limit	Mass	Status
	µg/g	µg/g	µg/g	µg/g	
Arsenic	0.05	0.05	0.2	ND	Pass
Cadmium	0.05	0.05	0.2	ND	Pass
Lead	0.05	0.05	0.5	ND	Pass
Mercury	0.01	0.03	3	ND	Pass

Date Tested: 08/09/2019

LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the BCC in 16 CCR section 5723. Heavy Metals Analytical Method: ICPMS SOP-042. The addition of metals to our scope is pending.



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 08/12/2019

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