



# Certificate of Analysis

Powered by Confident Cannabis

Speedy Grow, Inc.

craigm14@aol.com  
(801) 731-9900

Sample: 1903DBL0046.2148

METRC Sample:  
Lot #: CHS-FS-04

Lic. #

Strain: N/A  
Ordered: 03/06/2019; Sampled: 03/07/2019; Completed: 03/13/2019

## Speedy Grow Sample Phytocannabinoid Rich Hemp Oil

Concentrates & Extracts, Hash - Oil, Alcohol



Pesticides



Microbials



Mycotoxins



Heavy Metals



Foreign Matter



Solvents

### Terpenes

Analyzed by 300.13 GC/FID and GC/MS



0.726%  
Total Terpenes



Compound	LOQ	Mass	Mass	Relative Concentration
	%	%	mg/g	
β-Caryophyllene	0.013	0.379	3.79	
α-Humulene	0.013	0.125	1.25	
cis-Nerolidol	0.008	0.084	0.84	
β-Myrcene	0.013	0.027	0.27	
α-Bisabolol	0.013	0.024	0.24	
Linalool	0.013	0.024	0.24	
Guaiol	0.013	0.019	0.19	
Caryophyllene Oxide	0.013	0.017	0.17	
δ-Limonene	0.013	0.015	0.15	
trans-Nerolidol	0.005	0.012	0.12	
α-Pinene	0.013	<LOQ	<LOQ	
α-Terpinene	0.013	<LOQ	<LOQ	
β-Pinene	0.013	<LOQ	<LOQ	
Camphene	0.013	<LOQ	<LOQ	
cis-Ocimene	0.008	<LOQ	<LOQ	
δ-3-Carene	0.013	<LOQ	<LOQ	
Eucalyptol	0.013	<LOQ	<LOQ	
γ-Terpinene	0.013	<LOQ	<LOQ	
Isopulegol	0.013	<LOQ	<LOQ	
p-Cymene	0.013	<LOQ	<LOQ	
Terpinolene	0.013	<LOQ	<LOQ	
trans-Ocimene	0.005	<LOQ	<LOQ	

### Cannabinoid Relative Concentration

Analyzed by 300.18 UHPLC/PDA



2.948%  
Total THC



64.969%  
Total CBD

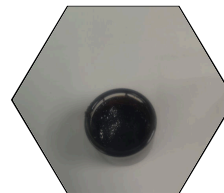


NT  
Moisture: Not Tested

74.022%  
Total Cannabinoids

Compound	LOQ	Mass	Mass	Relative Concentration
	%	%	mg/g	
CBC	0.026	3.226	32.26	
CBCa	0.026	<LOQ	<LOQ	
CBD	0.026	64.969	649.69	
CBDa	0.026	<LOQ	<LOQ	
CBDV	0.026	1.053	10.53	
CBDVa	0.026	<LOQ	<LOQ	
CBG	0.026	1.825	18.25	
CBGa	0.026	<LOQ	<LOQ	
CBL	0.026	<LOQ	<LOQ	
CBN	0.026	<LOQ	<LOQ	
Δ8-THC	0.026	<LOQ	<LOQ	
Δ9-THC	0.026	2.948	29.48	
THCa	0.026	<LOQ	<LOQ	
THCV	0.026	<LOQ	<LOQ	
THCVa	0.026	<LOQ	<LOQ	

Total THC = 0.877 x THC-A + Δ9-THC + Δ8-THC; Total CBD = CBDa \* 0.877 + CBD



*Stacy Gardalen*

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Quality Control

*Glen Marquez*

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## Speedy Grow Sample Phytocannabinoid Rich Hemp Oil

Concentrates & Extracts, Hash - Oil, Alcohol



### Pesticides

Analyzed by 300.9 LC/MS/MS and GC/MS/MS

Pass

Compound	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Abamectin	10	50	<LOQ	Pass
Acequinocyl	10	4000	<LOQ	Pass
Bifenazate	10	15000	<LOQ	Pass
Bifenthrin	10	50	<LOQ	Pass
Cyfluthrin	10	4000	<LOQ	Pass
Cypermethrin	10	50	<LOQ	Pass
Daminozide	10	50	<LOQ	Pass
Dimethomorph	10	60000	<LOQ	Pass
Etoxazole	10	7000	<LOQ	Pass
Fenhexamid	10	30000	<LOQ	Pass
Flonicamid	10	7000	<LOQ	Pass
Fludioxonil	10	20	<LOQ	Pass
Imidacloprid	10	50	<LOQ	Pass
Myclobutanil	10	4000	<LOQ	Pass
Paclbutrazol	10	50	<LOQ	Pass
Piperonyl Butoxide	10	10000	<LOQ	Pass
Pyrethrins	10	1000	<LOQ	Pass
Quintozene	10	200	<LOQ	Pass
Spinetoram	10	1700	<LOQ	Pass
Spinosad	10	10000	<LOQ	Pass
Spirotetramat	10	10000	<LOQ	Pass
Thiamethoxam	10	20	<LOQ	Pass
Trifloxystrobin	10	11000	<LOQ	Pass
Plant Growth Regulators	10	50	<LOQ	Pass

### Microbials

Analyzed by 300.1 Plating/QPCR

Pass

Quantitative Analysis	LOQ	Limit	Mass	Status
	CFU/g	CFU/g	CFU/g	
Bile-Tolerant Gram-Negative Bacteria	10	100	<LOQ	Pass
Yeast & Mold	100	1000	<LOQ	Pass

Qualitative Analysis	Detected or Not Detected	Status
Aspergillus	Not Detected	Pass
E. Coli	Not Detected	Pass
Salmonella	Not Detected	Pass

### Mycotoxins

Analyzed by 300.2 Elisa

Pass

Mycotoxin	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Aflatoxins	4.0	20.0	11.4	Pass
Ochratoxin A	2.0	20.0	16.0	Pass

### Heavy Metals

Analyzed by 300.8 ICP/MS

Pass

Element	LOQ	Limit	Mass	Status
	PPB	PPB	PPB	
Arsenic	54	2000	60	Pass
Cadmium	54	820	<LOQ	Pass
Lead	54	1200	381	Pass
Mercury	54	400	<LOQ	Pass

### Residual Solvents

Analyzed by 300.13 GC/FID and GC/MS

Pass

Compound	LOQ	Limit	Mass	Status
	PPM	PPM	PPM	
Butanes	83	500	<LOQ	Pass
Heptanes	83	500	<LOQ	Pass
Propane	83	500	<LOQ	Pass
Ethanol	83	500	<LOQ	Pass



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