



# Palmetto Holy Cannacencse 100mg

# Ministry of Hemp

Test Result UID: ANL0033162

Lot Inventory ID:

Lab Inventory ID:

Date Tested: 03/12/2020

Serving Size:

1 Jar (60ml) = 56.699 g



## Summary

<b>211.85 mg/s</b> Total Cannabinoids	<b>Pass</b> Microbial	<b>Not Tested</b> Mycotoxins	<b>Pass</b> Residual Solvents	<b>Pass</b> Pesticides	<b>Not Tested</b> Heavy Metals
--	--------------------------	---------------------------------	----------------------------------	---------------------------	-----------------------------------

## Cannabinoids

Testing method: HPLC-SOP 0011

Analyte	LOD	LOQ	Mass	Mass
Δ9-THC-A	0.000 mg/g	0.001 mg/g	ND mg/g	ND mg/s
Δ9-THC	0.000 mg/g	0.001 mg/g	0.471 mg/g	26.710 mg/s
Δ9-THCV	0.000 mg/g	0.001 mg/g	ND mg/g	ND mg/s
Δ8-THC	0.000 mg/g	0.001 mg/g	ND mg/g	ND mg/s
CBN	0.000 mg/g	0.001 mg/g	0.222 mg/g	12.600 mg/s
CBD-A	0.000 mg/g	0.001 mg/g	ND mg/g	ND mg/s
CBD	0.000 mg/g	0.001 mg/g	2.234 mg/g	126.643 mg/s
CBDV-A	0.000 mg/g	0.001 mg/g	ND mg/g	ND mg/s
CBDV	0.000 mg/g	0.001 mg/g	ND mg/g	ND mg/s
CBG-A	0.000 mg/g	0.001 mg/g	ND mg/g	ND mg/s
CBG	0.000 mg/g	0.001 mg/g	0.809 mg/g	45.894 mg/s
CBC	0.000 mg/g	0.001 mg/g	ND mg/g	ND mg/s

**26.71 mg/s**  
Total THC

**126.64 mg/s**  
Total CBD

## Terpenes

Testing method: HSGCFID-SOP 0030

Analyte	LOD	LOQ	Mass	Mass
α-Pinene	0.00 mg/g	0.01 mg/g	1.16 mg/g	65.96 mg/s
β-Pinene	0.00 mg/g	0.01 mg/g	0.15 mg/g	8.27 mg/s
Myrcene	0.00 mg/g	0.01 mg/g	0.40 mg/g	22.89 mg/s
Ocimene	0.00 mg/g	0.01 mg/g	0.17 mg/g	9.57 mg/s
Limonene	0.00 mg/g	0.01 mg/g	5.99 mg/g	339.83 mg/s
Terpinolene	0.00 mg/g	0.01 mg/g	0.09 mg/g	4.82 mg/s
Linalool	0.00 mg/g	0.01 mg/g	3.69 mg/g	209.47 mg/s
Caryophyllene	0.00 mg/g	0.01 mg/g	ND mg/g	ND mg/s
Humulene	0.00 mg/g	0.01 mg/g	0.38 mg/g	21.32 mg/s

**682.12 mg/s**  
Total Terpenes

<b>Not Tested</b> Moisture SOP-0009	<b>Not Tested</b> Water Activity SOP-0053	<b>Not Tested</b> Foreign Matter SOP-0010
---	---	---

Total THC = Δ9-THC-A \* 0.877 + Δ9-THC  
Total CBD = CBD-A \* 0.877 + CBD  
LOQ = Limit of Quantification; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected  
The values reported pertain only to the product tested.



Analytical 360, LLC certifies that the results presented are true and correct to the best of our knowledge. These results relate only to the sample provided by the client to Analytical 360, LLC.

Reference Lab  
Analytical 360, LLC subcontracts the following assays:  
Mycotoxins and Pesticides performed by Praxis Laboratory (WSLCB Lab #0020)  
Pesticides and Heavy Metals performed by Medicine Creek Analytics (WSLCB Lab #0018)

Approved By

*Paul D. Matthews, Ph.D.*

Paul Matthews, Ph.D.  
Executive Lab Director / Chief Science Officer



# Palmetto Holy Cannacencse 100mg

# Ministry of Hemp

Test Result UID: ANL0033162

Lot Inventory ID:

Lab Inventory ID:

Date Tested: 03/12/2020

## Microbial Testing method: PLATE-SOP 0007

Analyte	LOD	LOQ	Action Level	Mass	Status
Bile-Tolerant Gram Negative Bacteria	20 CFU/g	85 CFU/g	1000 CFU/g	ND CFU/g	Pass
Salmonella spp.	-	-	Any Detected in 1 g		Pass
Escherichia coli	-	-	Any Detected in 1 g		Pass
Total Aerobic Bacteria	170 CFU/g	850 CFU/g	No Limit	NT	
Total Yeast and Mold	170 CFU/g	850 CFU/g	No Limit	NT	
Total Coliforms	20 CFU/g	85 CFU/g	No Limit	NT	

## Mycotoxins Testing method: ELISA-SOP 0054

Analyte	LOD	LOQ	Action Level	Mass	Status
Aflatoxins B1, B2, G1, G2	0.1 ppb	1.0 ppb	20 ppb	NT	NT
Ochratoxin A	0.1 ppb	1.0 ppb	20 ppb	NT	NT

## Heavy Metals Testing method: ICPMS-SOP 0055

Analyte	LOD	LOQ	Action Level	Mass	Status
Arsenic	0.02 ug/5g	0.06 ug/5g	10 ug/5g	NT	NT
Cadmium	0.01 ug/5g	0.04 ug/5g	4.1 ug/5g	NT	NT
Lead	0.01 ug/5g	0.02 ug/5g	6 ug/5g	NT	NT
Mercury	0.02 ug/5g	0.07 ug/5g	2 ug/5g	NT	NT

Washington State I-502 Recreational Marijuana Microbial / Mycotoxins Action Levels

Counts not to exceed:

- 1,000 CFU/g Bile-Tolerant Gram Negative Bacteria for solvent extracts and edibles
- 10,000 CFU/g Bile-Tolerant Gram Negative Bacteria for flower, hash and kief
- *E coli* and *Salmonella* **not detected** in one gram for all products
- 20 ppb for Aflatoxins B1, B2, G1, G2, and Ochratoxin A for all products

LOQ = Limit of Quantification; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected  
CFU/g = Colony Forming Units Per Gram; ppm = Parts per Million; ppb = Parts per Billion  
TNTC = Too Numerous To Count

The values reported pertain only to the product tested.

**Pass**  
Microbial

**Not Tested**  
Mycotoxins

**Not Tested**  
Heavy Metals



Analytical 360, LLC certifies that the results presented are true and correct to the best of our knowledge. These results relate only to the sample provided by the client to Analytical 360, LLC.

Reference Lab

Analytical 360, LLC subcontracts the following assays:  
Mycotoxins and Pesticides performed by Praxis Laboratory (WSLCB Lab #0020)  
Pesticides and Heavy Metals performed by Medicine Creek Analytics (WSLCB Lab #0018)

Approved By

*Paul D. Matthews, Ph.D.*

Paul Matthews, Ph.D.  
Executive Lab Director / Chief Science Officer



# Palmetto Holy Cannacencse 100mg

# Ministry of Hemp

Test Result UID: ANL0033162

Lot Inventory ID:

Lab Inventory ID:

Date Tested: 03/12/2020

## Residual Solvents Testing method: HSGCFID-SOP 0020

Analyte	LOD	LOQ	Action Level	Mass
Propane	1 ppm	20 ppm	5000 ppm	ND ppm
Isobutane	1 ppm	20 ppm	5000 ppm	ND ppm
Butane	1 ppm	20 ppm	5000 ppm	ND ppm
Ethanol	1 ppm	20 ppm	No Limit	NT
Acetone	1 ppm	20 ppm	5000 ppm	ND ppm
Toluene	1 ppm	20 ppm	890 ppm	ND ppm
Pentane	1 ppm	20 ppm	5000 ppm	ND ppm
Isopropanol	1 ppm	20 ppm	5000 ppm	ND ppm
Hexane	1 ppm	20 ppm	290 ppm	ND ppm
Heptane	1 ppm	20 ppm	5000 ppm	ND ppm
Isopentane	1 ppm	20 ppm	5000 ppm	ND ppm
Tetrahydrofuran	1 ppm	20 ppm	720 ppm	ND ppm
Methanol	1 ppm	20 ppm	3000 ppm	ND ppm
Acetonitrile	1 ppm	20 ppm	410 ppm	ND ppm
Dichloromethane	1 ppm	20 ppm	600 ppm	ND ppm
Ethyl Acetate	1 ppm	20 ppm	5000 ppm	ND ppm
Chloroform	1 ppm	2 ppm	2 ppm	ND ppm
Cyclohexane	1 ppm	20 ppm	3900 ppm	ND ppm
Benzene	1 ppm	2 ppm	2 ppm	ND ppm
Ethyl Benzene	1 ppm	20 ppm	2200 ppm	ND ppm
m + p Xylenes	1 ppm	20 ppm	2200 ppm	ND ppm
o Xylene	1 ppm	20 ppm	2200 ppm	ND ppm
Total Xylenes	1 ppm	20 ppm	2200 ppm	ND ppm

LOQ = Limit of Quantification; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected  
ppm = Parts Per Million

The values reported pertain only to the product tested.

**ND ppm**  
**Total Solvents**



Analytical 360, LLC certifies that the results presented are true and correct to the best of our knowledge. These results relate only to the sample provided by the client to Analytical 360, LLC.

Reference Lab  
Analytical 360, LLC subcontracts the following assays:  
Mycotoxins and Pesticides performed by Praxis Laboratory (WSLCB Lab #0020)  
Pesticides and Heavy Metals performed by Medicine Creek Analytics (WSLCB Lab #0018)

Approved By  
*Paul D. Matthews, Ph.D.*  
Paul Matthews, Ph.D.  
Executive Lab Director / Chief Science Officer



# Palmetto Holy Cannacencse 100mg

# Ministry of Hemp

Test Result UID: ANL0033162

Lot Inventory ID:

Lab Inventory ID:

Date Tested: 03/12/2020

## Pesticides Testing method: LCMS-SOP 0055

Analyte	LOD	LOQ	Mass	Action Level	Analyte	LOD	LOQ	Mass	Action Level
	ppm	ppm		ppm		ppm	ppm		ppm
Avermectin B1a	0.009	0.02	ND ppm		Malathion	0.01	0.02	ND ppm	0.20
Avermectin B1b	0.006	0.02	ND ppm		Metalaxyl	0.01	0.10	ND ppm	0.20
<b>Abamectin Total</b>			ND ppm	0.50	Methiocarb	0.01	0.10	ND ppm	0.20
Acephate	0.01	0.10	ND ppm	0.40	Methomyl	0.01	0.10	ND ppm	0.40
Acequinocyl	0.01	0.10	ND ppm	2.00	Methylparathion	0.02	0.10	ND ppm	0.20
Acetamiprid	0.01	0.02	ND ppm	0.20	MGK 264 Isomer1	0.009	0.09	ND ppm	
Aldicarb	0.01	0.02	ND ppm	0.40	MGK 264 Isomer1	0.001	0.01	ND ppm	
Azoxystrobin	0.01	0.10	ND ppm	0.20	<b>MGK-264 Total</b>			ND ppm	0.20
Bifenazate	0.01	0.02	ND ppm	0.20	Myclobutanil	0.01	0.02	ND ppm	0.20
Bifenthrin	0.01	0.02	ND ppm	0.20	Naled	0.01	0.02	ND ppm	0.50
Boscalid	0.01	0.02	ND ppm	0.40	Oxamyl	0.01	0.02	ND ppm	1.00
Carbaryl	0.01	0.02	ND ppm	0.20	Paclobutrazol	0.01	0.02	ND ppm	0.40
Carbofuran	0.01	0.10	ND ppm	0.20	Permethrin Cis	0.004	0.04	ND ppm	
Chlorantraniliprole	0.01	0.10	ND ppm	0.20	Permethrin Trans	0.006	0.06	ND ppm	
Chlorfenapyr	0.02	0.40	ND ppm	1.00	<b>Permethrins Total</b>			ND ppm	0.20
Chlorpyrifos	0.01	0.02	0.02 ppm	0.20	Phosmet	0.01	0.02	ND ppm	0.20
Clofentezine	0.01	0.10	ND ppm	0.20	Piperonyl butoxide	0.01	0.02	ND ppm	2.00
Cyfluthrin	0.10	0.10	ND ppm	1.00	Prallethrin	0.01	0.10	ND ppm	0.20
Cypermethrin	0.10	0.20	ND ppm	1.00	Propiconazole	0.01	0.02	ND ppm	0.40
Daminozide	0.02	0.10	ND ppm	1.00	Propoxur	0.01	0.02	ND ppm	0.20
DDVP (Dichlorvos)	0.01	0.02	ND ppm	0.10	Pyrethrins Cinerin	0.0006	0.001	ND ppm	
Diazinon	0.01	0.02	0.07 ppm	0.20	Pyrethrins Jasmolin	0.0004	0.004	ND ppm	
Dimethoate	0.01	0.10	ND ppm	0.20	Pyrethrins Pyrethrin	0.006	0.06	ND ppm	
Ethoprophos	0.01	0.02	ND ppm	0.20	<b>Pyrethrins Total</b>			ND ppm	1.00
Etofenprox	0.01	0.02	ND ppm	0.40	Pyridaben	0.01	0.02	ND ppm	0.20
Etoxazole	0.01	0.02	ND ppm	0.20	Spinosyn A	0.006	0.01	ND ppm	
Fenoxycarb	0.01	0.10	ND ppm	0.20	Spinosyn D	0.004	0.009	ND ppm	
Fenpyroximate	0.01	0.10	ND ppm	0.40	<b>Spinosad Total</b>			ND ppm	0.20
Fipronil	0.01	0.02	ND ppm	0.40	Spiromesifen	0.01	0.02	ND ppm	0.20
Flonicamid	0.01	0.10	ND ppm	1.00	Spirotetramat	0.01	0.02	ND ppm	0.20
Fludioxonil	0.01	0.02	ND ppm	0.40	Spiroxamine	0.01	0.02	ND ppm	0.40
Hexythiazox	0.01	0.01	ND ppm	1.00	Tebuconazole	0.01	0.02	ND ppm	0.40
Imazalil	0.01	0.02	ND ppm	0.20	Thiacloprid	0.01	0.02	ND ppm	0.20
Imidacloprid	0.01	0.10	ND ppm	0.40	Thiamethoxam	0.01	0.02	ND ppm	0.20
Kresoxim-methyl	0.01	0.02	ND ppm	0.40	Trifloxystrobin	0.01	0.02	ND ppm	0.20

LOQ = Limit of Quantification; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected  
ppm = Parts Per Million

The values reported pertain only to the product tested.

**Pass**  
**Pesticides**



Analytical 360, LLC certifies that the results presented are true and correct to the best of our knowledge. These results relate only to the sample provided by the client to Analytical 360, LLC.

**Reference Lab**  
Analytical 360, LLC subcontracts the following assays:  
Mycotoxins and Pesticides performed by Praxis Laboratory (WSLCB Lab #0020)  
Pesticides and Heavy Metals performed by Medicine Creek Analytics (WSLCB Lab #0018)

Approved By  
*Paul D. Matthews, Ph.D.*  
Paul Matthews, Ph.D.  
Executive Lab Director / Chief Science Officer