



# Certificate of Analysis

**SAMPLE:DA91014011-001**

**Harvest/Lot ID: N/A**

**Seed to Sale #N/A**

**Batch#: PP-19010**

**Sample Size: 30 ml**

**Ordered : 10/09/19**

**Sampled : 10/09/19**

**Completed: 10/17/19 Expires: 10/17/20**

**Sampling Method: SOP Client Method**

Oct 17, 2019 | Preckshot Professional Pharmacy

5832 N Knoxville Ave.  
Suite E, PEORIA IL, USA  
61614



**PASSED**

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 TESTED**

MISC.

CANNABINOID RESULTS



**Total THC**  
**0.122%**  
THC/Container :71.00 mg



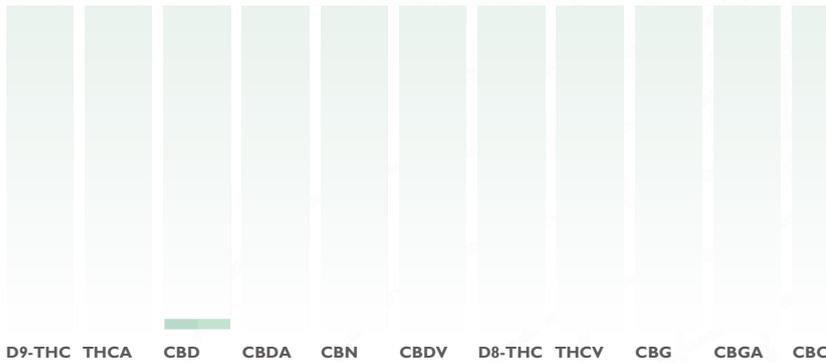
**Total CBD**  
**3.469%**  
CBD/Container :2020.99 mg

0.122 % ND	3.469 % ND	0.025 % ND	ND	ND	0.034 % ND	0.135 %
1.220 mg ND	34.690 mg ND	0.250 mg ND	ND	ND	0.340 mg ND	1.350 mg



**Filtration**

**PASSED**



**Cannabinoid Profile Test**

**Analyst** 450 **Weight** 3.0808g **Sample Prep :** 2019-10-14 02:10:26 **Extracted By :** 574

**Analysis Method -SOP.T.40.020, SOP.T.30.050**  
**Analytical Batch -DA007108**

Reagent	Dilution	Consums. ID
101119.R04	400	76124-662
101119.R03		10119-744
		850C4-850AK
		910C6 - 910H
		915CD

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).

**Analyte Weight Sample Prep : Extracted By :**  
584 1g 2019-10-14 06:10:16 584

**Analysis Method -**

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.

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**Jorge Segredo**  
Lab Director

State License # n/a  
ISO Accreditation # 97164



Signature

10/17/2019

Signed On



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**PASSED**
**PRECKSHOT PROFESSIONAL PHARMACY**

 5832 N Knoxville Ave,  
 Suite E PEORIA IL, USA  
 61614

**Telephone:** (309) 679-2047

**Email:** [info@preckshot.com](mailto:info@preckshot.com)
**Sample : DA91014011-001,**  
**Harvest/LOT ID: N/A,**
**Batch# :** PP-19010

**Sample Size :** 30 ml

**Ordered :** 10/09/19

**Sampled :** 10/09/19

**Completed :** 10/17/19

**Expires :** 10/17/20

**Sample Method :** SOP Client Method

**2**

**Terpenes**
**TESTED**
**Terpenes**
**TEST RESULT (%)**

ALPHA-CEDRENE	ND
ALPHA-HUMULENE	0.026
ALPHA-PINENE	0.087
ALPHA-TERPINENE	ND
BETA-MYRCENE	0.032
BETA-PINENE	0.045
BORNEOL	ND
CAMPHENE	ND
CAMPHOR	ND
CARYOPHYLLENE OXIDE	0.023
CEDROL	ND
ALPHA-BISABOLOL	0.131
ISOPULEGOL	ND
CIS-NEROLIDOL	ND
3-CARENE	ND
FENCHYL ALCOHOL	ND
HEXAHYDROTHYMOL	ND
EUCALYPTOL	ND
ISOBORNEOL	ND
FARNESENE	0.028
FENCHONE	ND
GAMMA-TERPINENE	0.041
GERANIOL	ND
GERANYL ACETATE	ND
GUAJOL	0.054
LIMONENE	0.806
LINALOOL	ND
NEROL	ND
OCIMENE	ND
ALPHA-PHELLANDRENE	ND
PULEGONE	ND
SABINENE	ND
SABINENE HYDRATE	ND

**Terpenes**
**TEST RESULT (%)**

TERPINEOL	0.072
TERPINOLENE	ND
TRANS-CARYOPHYLLENE	0.121
TRANS-NEROLIDOL	ND
VALENCENE	ND


**Terpenes**
**TESTED**

<b>Analyst</b>	<b>Weight</b>	<b>Sample Prep :</b>	<b>Extracted By :</b>
585	1.0328g	2019-10-14 06:10:30	585

**Analysis Method -SOP.T.40.090**
**Analytical Batch -DA007100**

<b>Reagent</b>	<b>Dilution</b>	<b>Consums. ID</b>
	10	

Terpenoid profile screening is performed using GC-MS with Liquid Injection (Gas Chromatography – Mass Spectrometer) which can screen 38 terpenes using Method SOP.T.40.091 Terpenoid Analysis Via GC/MS.

**Total** 1.471



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**Sample Method : SOP Client Method**
**3**

**Pesticides**
**PASSED**

Pesticides	LOQ	Action Level	Units	Result	Pesticides	LOQ	Action Level	Units	Result
CHLORDANE	0.010	0.1	ppm	ND	METHIOCARB	0.010	0.05	ppm	ND
CAPTAN	0.100	0.7	ppm	ND	METHOMYL	0.010	0.1	ppm	ND
DIMETHOATE	0.010	0.1	ppm	ND	DIAZANON	0.010	0.1	ppm	ND
ABAMECTIN BIA	0.020	0.1	ppm	ND	MEVINPHOS	0.010	0.1	ppm	ND
CIS-PERMETHRIN	0.050	0.1	ppm	ND	MYCLOBUTANIL	0.010	0.1	ppm	ND
SPINETORAM	0.010		PPM	ND	NALED	0.010	0.25	ppm	ND
ACEPHATE	0.010	0.1	ppm	ND	OXAMYL	0.010	0.5	ppm	ND
DIMETHOMORPH	0.005	0.2	ppm	ND	PACLOBUTRAZOL	0.010	0.1	ppm	ND
ETHOPROPHOS	0.010	0.1	ppm	ND	TRANS-PERMETHRIN	0.050	0.1	ppm	ND
ACEQUINOCYL	0.050	0.1	ppm	ND	PHOSMET	0.010	0.1	ppm	ND
ACETAMIPRID	0.010	0.1	ppm	ND	PIPERONYL BUTOXIDE	0.010	3	ppm	ND
ETOFENPROX	0.010	0.1	ppm	ND	PRALLETHRIN	0.050	0.1	ppm	ND
ALDICARB	0.020	0.1	ppm	ND	PROPICONAZOLE	0.010	0.1	ppm	ND
ETOXAZOLE	0.010	0.1	ppm	ND	PROPOXUR	0.010	0.1	ppm	ND
AZOXYSTROBIN	0.010	0.01	ppm	ND	PYRETHRIN I	0.010	0.5	ppm	ND
FENHEXAMID	0.010	0.1	ppm	ND	PYRIDABEN	0.010	0.2	ppm	ND
BIFENAZATE	0.010	0.1	ppm	ND	SPINOSAD (SPINOSYN A)	0.010	0.1	ppm	ND
FENOXYCARB	0.010	0.1	ppm	ND	SPINOSAD (SPINOSYN D)	0.010	0.1	ppm	ND
FENPYROXIMATE	0.010	0.1	ppm	ND	SPIROMESIFEN	0.010	0.1	ppm	ND
BIFENTHRIN	0.010	0.1	ppm	ND	SPIROTETRAMAT	0.020	0.1	ppm	ND
CARBARYL	0.010	0.5	ppm	ND	SPIROXAMINE	0.010	0.1	ppm	ND
FIPRONIL	0.020	0.1	ppm	ND	TEBUCONAZOLE	0.010	0.1	ppm	ND
FLONICAMID	0.010	0.1	ppm	ND	THIACLOPRID	0.010	0.1	ppm	ND
CARBOFURAN	0.010	0.1	ppm	ND	THIAMETHOXAM	0.010	0.5	ppm	ND
CHLORANTRANILIPROLE	0.010	1	ppm	ND	TRIFLOXYSTROBIN	0.010	0.1	ppm	ND
FLUDIOXONIL	0.010	0.1	ppm	ND					
HEXYTHIAZOX	0.010	0.1	ppm	ND					
CHLORFENAPYR	0.010	0.1	ppm	ND					
IMAZALIL	0.010	0.1	ppm	ND					
CHLORPYRIFOS	0.010	0.1	ppm	ND					
IMIDACLOPRID	0.010	0.4	ppm	ND					
CLOFENTEZINE	0.010	0.2	ppm	ND					
KRESOXIM-METHYL	0.010	0.1	ppm	ND					
COUMAPHOS	0.005	0.1	ppm	ND					
MALATHION	0.010	0.2	ppm	ND					
CYPERMETHRIN	0.020	0.5	ppm	ND					
DAMINOZIDE	0.020	0.1	ppm	ND					
METALAXYL	0.010	0.02	ppm	ND					
DICHLORVOS	0.050	0.1	ppm	ND					

Pesticides				PASSED
<b>Analyst</b> 795	<b>Weight</b> 1.0086g	<b>Sample Prep :</b> 2019-10-14 02:10:34	<b>Extracted By :</b> 357	
<b>Analysis Method -SOP.T.30.065, SOP.T.40.065</b>				
<b>Analytical Batch -DA007121</b>				
<b>Reagent</b>	<b>Dilution</b>	<b>Consums. ID</b>		
	10			
<small>SOP.T.30.065, SOP.T.40.065</small>				

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**Jorge Segredo**  
Lab Director

 State License # n/a  
ISO Accreditation # 97164

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 61614

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**Telephone: (309) 679-2047**
**Sample Size : 30 ml**
**Completed : 10/17/19**
**Expires : 10/17/20**
**Email: [info@preckshot.com](mailto:info@preckshot.com)**
**Ordered : 10/09/19**
**Sample Method : SOP Client Method**
**4**

**Residual Solvents**
**PASSED**

**Residual Solvents**
**PASSED**

SOLVENT	ACTION LEVEL (PPM)	PASS/FAIL	RESULT
PROPANE	2100	PASS	ND
BUTANES (N-BUTANE)	2000	PASS	ND
ETHYLENE OXIDE	5	PASS	ND
METHANOL	250	PASS	ND
ETHANOL	5000	PASS	ND
PENTANES (N-PENTANE)	750	PASS	ND
ETHYL ETHER	500	PASS	ND
ACETONE	750	PASS	ND
2-PROPANOL	500	PASS	ND
ACETONITRILE	60	PASS	ND
DICHLOROMETHANE	125	PASS	ND
N-HEXANE	250	PASS	ND
ETHYL ACETATE	400	PASS	ND
BENZENE	1	PASS	ND
HEPTANE	500	PASS	ND
TOLUENE	150	PASS	ND
CHLOROFORM	2	PASS	ND
1,2-DICHLOROETHANE	2	PASS	ND
TRICHLOROETHYLENE	25	PASS	ND
1,1-DICHLOROETHENE	8	PASS	ND
TOTAL XYLENES	150	PASS	ND

<b>Analyst</b> 850	<b>Weight</b> 0.0243g	<b>Sample Prep :</b> 2019-10-14 02:10:58	<b>Extracted By :</b> 850
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**Analysis Method -SOP.T.40.032**  
**Analytical Batch -DA007128**

Reagent	Dilution	Consums. ID
	1	00268767 160861-1 24151941

Residual solvents screening is performed using GC-MS which can detect below single digit ppm concentrations. Currently we analyze for 34 Residual solvents. (Method: SOP.T.30.042 Residual Solvents Analysis via GC-MS).

**Jorge Segredo**  
 Lab Director

 State License # n/a  
 ISO Accreditation # 97164

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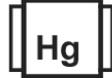
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**Sample Method : SOP Client Method**
**5**

**Mycotoxins** **PASSED**

**Heavy Metals** **PASSED**

Analyte	Result	Action Level
AFLATOXIN G2	ND	
AFLATOXIN G1	ND	
AFLATOXIN B2	ND	
AFLATOXIN B1	ND	
OCHRATOXIN A+	ND	0.02
TOTAL AFLATOXINS	0.000	0.02

**Analysis Method -SOP.T.30.065, SOP.T.40.065**
**Analytical Batch -DA007122**

Reagent	Dilution	Consums. ID
	50	

Metal	Result	Action Level
ARSENIC	ND	0.2
CADMIUM	ND	0.2
LEAD	ND	0.5
MERCURY	ND	0.1

**Analysis Method -SOP.T.40.050, SOP.T.30.052**  
**Analytical Batch -DA007103**

**Microbials** **PASSED**

Analyte
ASPERGILLUS_FLAVUS
ASPERGILLUS_FUMIGATUS
ASPERGILLUS_NIGER
ASPERGILLUS_TERREUS
ESCHERICHIA_COLI_SHIGELLA_SPP
SALMONELLA_SPECIFIC_GENE

Result
not present in 1 gram.

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.

**Jorge Segredo**  
 Lab Director

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