



# Certificate of Analysis

**SAMPLE: DA91022008-003**

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

Seed to Sale #N/A

**Batch#: PP-19018**

**Sample Size: 30 ml**

**Ordered : 10/18/19**

**Sampled : 10/18/19**

**Completed: 10/28/19 Expires: 10/28/20**

**Sampling Method: SOP Client Method**

Oct 28, 2019 | PRECKSHOT PREFERRED PHARMACY

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61614

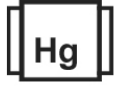


**PASSED**

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

**0.183%**

THC/Container : 109.80 mg



Total CBD

**4.949%**

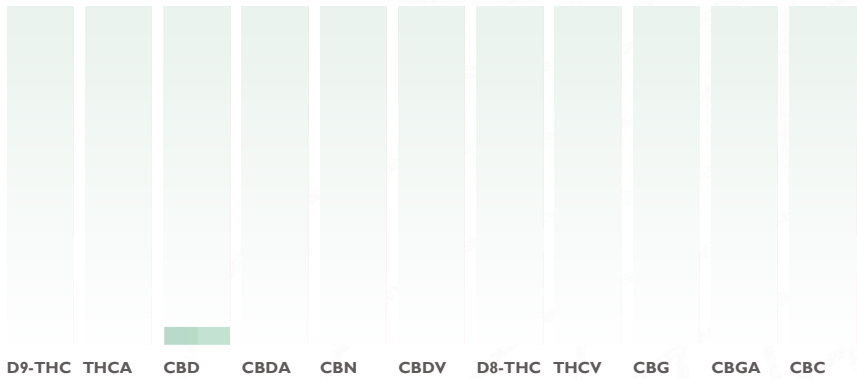
CBD/Container : 2,969.40 mg

0.183 % ND	4.949 % ND	0.031 %	0.013 % ND	ND	0.068 % ND	0.196 %
1.830 mg ND	49.490 mg ND	0.310 mg	0.130 mg ND	ND	0.680 mg ND	1.960 mg



Filtration

**PASSED**



Cannabinoid Profile Test

<b>Analyst</b> 450	<b>Weight</b> 3.1040g	<b>Sample Prep :</b> 2019-10-22 08:10:25	<b>Extracted By :</b> 965
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Analysis Method -SOP.T.40.020, SOP.T.30.050  
Analytical Batch -DA007351

Reagent	Dilution	Consums. ID
102119.R10	400	76124-662 SFN-BX-1025 849C4-849AK 840C6-840H

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).

<b>Analyte</b> 584	<b>Weight</b> 1g	<b>Sample Prep :</b> 2019-10-22 12:10:26	<b>Extracted By :</b> 584
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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

10/28/2019

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



**Terpenes**

TESTED

Terpenes	TEST RESULT (%)	Terpenes	TEST RESULT (%)
ALPHA-CEDRENE	ND	TERPINEOL	ND
ALPHA-HUMULENE	0.044	TERPINOLENE	ND
ALPHA-PINENE	ND	TRANS-CARYOPHYLLENE	0.194
ALPHA-TERPINENE	ND	TRANS-NEROLIDOL	ND
BETA-MYRCENE	ND	VALENCENE	ND
BETA-PINENE	ND		
BORNEOL	ND		
CAMPHENE	ND		
CAMPHOR	ND		
CARYOPHYLLENE OXIDE	0.043		
CEDROL	ND		
ALPHA-BISABOLOL	0.269		
ISOPULEGOL	ND		
CIS-NEROLIDOL	ND		
3-CARENE	ND		
FENCHYL ALCOHOL	ND		
HEXAHYDROTHYMOL	0.836		
EUCALYPTOL	0.099		
ISOBORNEOL	ND		
FARNESENE	0.082		
FENCHONE	ND		
GAMMA-TERPINENE	ND		
GERANIOL	ND		
GERANYL ACETATE	ND		
GUAIOL	0.091		
LIMONENE	0.040		
LINALOOL	ND		
NEROL	ND		
OCIMENE	ND		
ALPHA-PHELLANDRENE	ND		
PULEGONE	ND		
SABINENE	ND		
SABINENE HYDRATE	ND		



**Terpenes**

TESTED

<b>Analyst</b>	<b>Weight</b>	<b>Sample Prep :</b>	<b>Extracted By :</b>
585	1.0018g	2019-10-22 03:10:18	585

**Analysis Method -SOP.T.40.090**  
**Analytical Batch -DA007341**

Reagent	Dilution	Consums. ID
	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.

<b>Total</b>	1.7	
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**Harvest/LOT ID: N/A,**
**Batch# : PP-19018**  
**Sample Size : 30 ml**  
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**Completed : 10/28/19**    **Expires : 10/28/20**  
**Sample Method : SOP Client Method**
**4**

**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					

	<b>Pesticides</b>	<b>PASSED</b>
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<b>Analyst</b> 795	<b>Weight</b> 1.0071g	<b>Sample Prep :</b> 2019-10-22 10:10:15	<b>Extracted By :</b> 1082
<b>Analysis Method - SOP.T.30.065, SOP.T.40.065</b>			
<b>Analytical Batch - DA007355</b>			
<b>Reagent</b>	<b>Dilution</b> 10	<b>Consums. ID</b> 180711 280650586	

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**Jorge Segredo**  
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**Sample Method : SOP Client Method**
**5**



**Residual Solvents**
PASSED



**Residual Solvents**
PASSED

SOLVENT	ACTIONLEVEL (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
METHYLENE CHLORIDE	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> 0.0236g	<b>Sample Prep :</b> 2019-10-22 04:10:08	<b>Extracted By :</b> 850
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**Analysis Method -SOP.T.40.032**  
**Analytical Batch -DA007371**

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).

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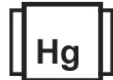
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**Sample Method : SOP Client Method**
**6**



PASSED


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 -DA007356**

Reagent	Dilution	Consums. ID
I02219.R01	50	
I02119.R13		
I00919.R02		
I02119.R02		
I00919.R03		
052419.01		


PASSED

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

Analyte
ASPERGILLUS_FLAVUS
ASPERGILLUS_FUMIGATUS
ASPERGILLUS_NIGER
ASPERGILLUS_TERREUS
ESCHERICHIA_COLI_SHIGELLA_SPP
SALMONELLA_SPECIFIC_GENE

**Result Analysis Method -SOP.T.40.050, SOP.T.30.052**
**Analytical Batch -DA007352**

not present in 1 gram.  
 not present in 1 gram.  
 not present in 1 gram.  
 not present in 1 gram.  
 not present in 1 gram.  
 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.

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