



Certificate of Analysis

SAMPLE: DA91022008-002

Harvest/Lot ID: N/A

Seed to Sale #N/A

Batch#: PP-19014

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

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

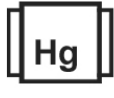


PASSED

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



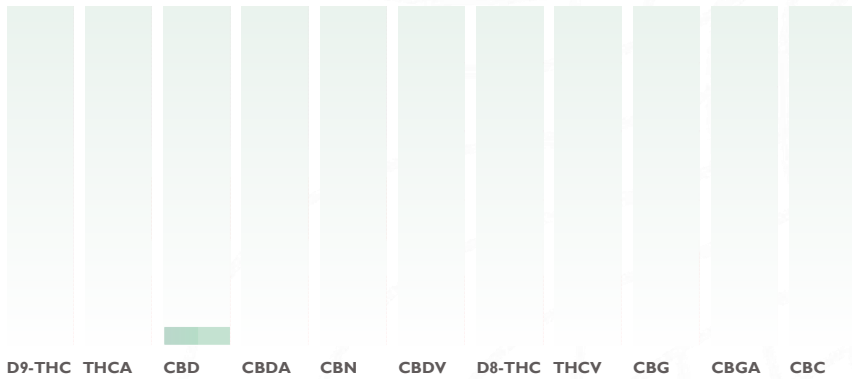
Total THC
0.186%
THC/Container : 111.60 mg



Total CBD
5.000%
CBD/Container : 3,000.00 mg

| | | | | | | | | |
|-------------|--------------|----------|----------|----|----------|----------|----|----------|
| 0.186 % ND | 5.000 % ND | 0.030 % | 0.020 % | ND | 0.010 % | 0.069 % | ND | 0.194 % |
| 1.860 mg ND | 50.000 mg ND | 0.300 mg | 0.200 mg | ND | 0.100 mg | 0.690 mg | ND | 1.940 mg |

Filtration PASSED



| | | | |
|--------------------------|---------------|----------------------|-----------------------|
| Analyte | Weight | Sample Prep : | Extracted By : |
| 584 | 1g | 2019-10-22 12:10:25 | 584 |
| Analysis Method - | | | |

This includes but is not limited to hair, insects, feces, packaging contaminants, and manufacturing waste and by-products. An SH-28/T Stereo Microscope is use for inspection.

Cannabinoid Profile Test

| | | | |
|----------------|---------------|----------------------|-----------------------|
| Analyst | Weight | Sample Prep : | Extracted By : |
| 450 | 3.0141g | 2019-10-22 08:10:22 | 965 |

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).

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Jorge Segredo
Lab Director

State License # n/a
ISO Accreditation # 97164

Signature

10/28/2019

Signed On



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www.preckshotpharmacy.com
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Sampled : 10/18/19
Completed : 10/28/19 **Expires : 10/28/20**
Sample Method : SOP Client Method
3

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

| | |
|---------------------|-------|
| ALPHA-CEDRENE | ND |
| ALPHA-HUMULENE | 0.041 |
| ALPHA-PINENE | ND |
| ALPHA-TERPINENE | ND |
| BETA-MYRCENE | ND |
| BETA-PINENE | ND |
| BORNEOL | ND |
| CAMPHENE | ND |
| CAMPHOR | ND |
| CARYOPHYLLENE OXIDE | 0.040 |
| CEDROL | ND |
| ALPHA-BISABOLOL | 0.260 |
| ISOPULEGOL | ND |
| CIS-NEROLIDOL | ND |
| 3-CARENE | ND |
| FENCHYL ALCOHOL | ND |
| HEXAHYDROTHYMOL | ND |
| EUCALYPTOL | ND |
| ISOBORNEOL | ND |
| FARNESENE | 0.046 |
| FENCHONE | ND |
| GAMMA-TERPINENE | ND |
| GERANIOL | ND |
| GERANYL ACETATE | ND |
| GUAIOL | 0.087 |
| LIMONENE | ND |
| LINALOOL | ND |
| NEROL | ND |
| OCIMENE | ND |
| ALPHA-PHELLANDRENE | ND |
| PULEGONE | ND |
| SABINENE | ND |
| SABINENE HYDRATE | ND |

| | |
|---------------------|-------|
| TERPINEOL | ND |
| TERPINOLENE | ND |
| TRANS-CARYOPHYLLENE | 0.151 |
| TRANS-NEROLIDOL | ND |
| VALENCENE | ND |


Terpenes
TESTED

| | | | |
|----------------|---------------|----------------------|-----------------------|
| Analyst | Weight | Sample Prep : | Extracted By : |
| 585 | 1.0305g | 2019-10-22 03:10:17 | 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.

Total 0.628

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PRECKSHOT PREFERRED PHARMACY

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www.preckshotpharmacy.com
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Harvest/LOT ID: N/A,
Batch# : PP-19014
Sample Size : 30 ml
Ordered : 10/18/19
Sampled : 10/18/19
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 | | | | | |

| | | |
|---|-------------------|---------------|
|  | Pesticides | PASSED |
|---|-------------------|---------------|

| | | | |
|--|--------------------------|---|-------------------------------|
| Analyst 795 | Weight 1.0033g | Sample Prep : 2019-10-22 10:10:14 | Extracted By : 1082 |
| Analysis Method -SOP.T.30.065, SOP.T.40.065 | | | |
| Analytical Batch - DA007355 | | | |
| Reagent | Dilution | Consums. ID | |
| | 10 | 180711 280650586 | |

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 Lab Director

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Sample Method : SOP Client Method
5

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 |
| 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 |

Analyst 850 **Weight** 0.0227g **Sample Prep :** 2019-10-22 04:10:08 **Extracted By :** 850

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).
Jorge Segredo
 Lab Director

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 ISO Accreditation # 97164

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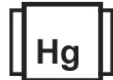
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Sample Method : SOP Client Method
6



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.

Signature

10/28/2019

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