# CERTIFICATE OF ANALYSIS

ISO/IEC: 17025:2017 Accreditation #: 103104
License #: CMTL-0004

SunFlora Inc.
Order #: 70603
Retail Batch #: 091522CART 700mg vape cartridge

## Order Information

Order #: 70603
Order Name: 091522CART 700mg vape cartridge
Retail Batch #: 091522CART 700mg vape cartridge
Received: 08/26/2022 18:02:11
Complete: 10/21/2022 14:27:32

## Batch Information

Create Date:
Exp. Date:
Size: 0
Total Qty.: 0
Matrix: Vape Oil
Pickup Weight: N/A

| | | |
|---|---|---|
| CANNABINOID PROFILE<br>TESTED | LABEL CLAIM<br>NOT APPLICABLE | MICROBIAL ANALYSIS<br>PASS |
| RESIDUAL SOLVENTS<br>PASS | AGRICULTURAL AGENTS<br>PASS | HEAVY METAL ANALYSIS<br>PASS |
| TERPENES TOTAL<br>TESTED | MOISTURE ANALYSIS<br>TESTED | WATER ACTIVITY<br>TESTED |
| FILTH & FOREIGN MATERIAL ANALYSIS<br>PASS | HOMOGENEITY<br>NOT TESTED | MYCOTOXIN ANALYSIS<br>PASS |




**0.000 %**
Total THC

**52.398 %**
Total CBD

**70.313 %**
Total Cannabinoids

**Diana Asensio, M.S.**
Lab Director

**Florida**
4001 SW 47th Avenue, Suite 208
Davie FL, 33314
(954) 514-9343

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SunFlora Inc.
Order #: 70603
Retail Batch #: 091522CART
700mg vape cartridge

## Sample Prep

**Tech:** 3358
**SOP:** 418
**Batch Number:** 55586
**Batch Date:** 08/26/2022 16:38:54

## Sample Analysis

**Date/Time:** 08/29/2022 15:55:23
**Tech:** 3445
**SOP:** 417
**Final Weight:** 0.0409 g
**Volume:** 40 ml

## CANNABINOID PROFILE

HPLC-DAD

| | | |
|---|---|---|
| **ND** Total THC | **ND** THC Per Unit | **ND** THC Per Pkg |
| **52.398 %** Total CBD | **523.979 mg** CBD Per Unit | **523.979 mg** CBD Per Pkg |
| **70.313 %** Total Cannabinoids | **703.132 mg** Cannabinoids Per Unit | **703.132 mg** Cannabinoids Per Pkg |

## Cannabinoid Potency

| ANALYTE | LOD/LOQ (mg/g) | DIL. | WEIGHT % | MG/G | MG/UNIT | MG/PACKAGE | LABEL CLAIM (mg) | % LABEL VAR. |
|---|---|---|---|---|---|---|---|---|
| CBC | 0.3224/0.977 | 1 | 4.296 | 42.958 | 42.958 | 42.958 | -- | -- |
| CBD | 0.3224/0.977 | 1 | 52.398 | 523.979 | 523.979 | 523.979 | -- | -- |
| CBDA | 0.3224/0.977 | 1 | ND | ND | ND | ND | -- | -- |
| CBDV | 0.3224/0.977 | 1 | 1.282 | 12.824 | 12.824 | 12.824 | -- | -- |
| CBG | 0.3224/0.977 | 1 | 1.178 | 11.779 | 11.779 | 11.779 | -- | -- |
| CBGA | 0.3224/0.977 | 1 | ND | ND | ND | ND | -- | -- |
| CBN | 0.3224/0.977 | 1 | 4.370 | 43.705 | 43.705 | 43.705 | -- | -- |
| d8-THC | 0.3224/0.977 | 1 | ND | ND | ND | ND | -- | -- |
| d9-THC | 0.3224/0.977 | 1 | ND | ND | ND | ND | -- | -- |
| THCA | 0.3224/0.977 | 1 | ND | ND | ND | ND | -- | -- |
| THCV | 0.3224/0.977 | 1 | ND | ND | ND | ND | -- | -- |

## Additional Cannabinoids

| ANALYTE | LOD/LOQ (mg/g) | DIL. | WEIGHT % | MG/G | MG/UNIT | MG/PACKAGE | LABEL CLAIM (mg) | % LABEL VAR. |
|---|---|---|---|---|---|---|---|---|
| CBDVA | 0.3224/0.977 | 1 | ND | ND | ND | ND | -- | -- |
| CBL | 0.3224/0.977 | 1 | 0.649 | 6.490 | 6.490 | 6.490 | -- | -- |
| CBT | 0.3224/0.977 | 1 | 6.140 | 61.397 | 61.397 | 61.397 | -- | -- |
| d10-THC | 0.3224/0.977 | 1 | ND | ND | ND | ND | -- | -- |
| d9-THCP | 0.3224/0.977 | 1 | ND | ND | ND | ND | -- | -- |
| exo-THC | 0.3224/0.977 | 1 | ND | ND | ND | ND | -- | -- |

mg/unit = 1 (g) per unit x cannabinoid concentration (mg/g)
For inhalation derivative products, Total THC = THC + (0.877 x THCA) and Total CBD = CBD + (0.877 x CBDA)
ND = Not Detected, NT = Not Tested, <LOQ = Below Limit of Quantitation

| CANNABINOID TOTALS | WEIGHT % | MG/G | MG/UNIT | MG/PACKAGE |
|---|---|---|---|---|
| Total THC | ND | ND | ND | ND |
| Total CBD | 52.398 | 523.979 | 523.979 | 523.979 |
| Total Cannabinoids | 70.313 | 703.132 | 703.132 | 703.132 |

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**SunFlora Inc.**
Order #: 70603
Retail Batch #: 091522CART
700mg vape cartridge

## Agricultural Agents

GC-MS/MS **PASS**

### Sample Prep

**Tech:** 3358
**SOP:** 402
**Batch Number:** 55583
**Batch Date:** 08/26/2022 15:25:07

### Sample Analysis

**Date/Time:** 08/29/2022 11:48:03
**Tech:** 2816
**SOP:** 402
**Final Weight:** 0.5141 g
**Volume:** 10 ml

| ANALYTE | LOD/LOQ (ppm) | DIL. | ACTION LEVEL (ppm) | RESULTS (ppm) |
|---|---|---|---|---|
| Captan | 0.07/0.1 | 1 | 0.7 | ND |
| Chlordane | 0.01/0.1 | 1 | 0.1 | ND |
| Chlorfenapyr | 0.01/0.1 | 1 | 0.1 | ND |
| Coumaphos | 0.01/0.1 | 1 | 0.1 | ND |
| Cyfluthrin | 0.01/0.1 | 1 | 0.5 | ND |
| Cypermethrin | 0.01/0.1 | 1 | 0.5 | ND |
| Methyl parathion | 0.01/0.1 | 1 | 0.1 | ND |
| Pentachloronitrobenzene | 0.01/0.1 | 1 | 0.15 | ND |

## MYCOTOXIN ANALYSIS

LC-MS/MS **PASS**

### Sample Prep

**Tech:** 3381
**SOP:** 432
**Batch Number:** 55596
**Batch Date:** 08/26/2022 18:54:33

### Sample Analysis

**Date/Time:** 08/29/2022 14:50:02
**Tech:** 2657
**SOP:** 424
**Final Weight:** 0.5003 g
**Volume:** 5 ml

| ANALYTE | LOD/LOQ (ppb) | DIL. | ACTION LEVEL (ppb) | RESULTS (ppb) |
|---|---|---|---|---|
| Aflatoxin B1 | 2/0 | 2 | 20 | ND |
| Aflatoxin B2 | 2/0 | 2 | 20 | ND |
| Aflatoxin G1 | 2/0 | 2 | 20 | ND |
| Aflatoxin G2 | 2/5 | 2 | 20 | ND |
| Ochratoxin A | 2/0 | 2 | 20 | ND |

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SunFlora Inc.
Order #: 70603
Retail Batch #: 091522CART 700mg vape cartridge

# CERTIFICATE OF ANALYSIS

ISO/IEC: 17025:2017 Accreditation #: 103104
License #: CMTL-0004

## Agricultural Agents

LC-MS/MS **PASS**

### Sample Prep

**Tech:** 3381
**SOP:** 432
**Batch Number:** 55596
**Batch Date:** 08/26/2022 18:54:33

### Sample Analysis

**Date/Time:** 08/29/2022 14:50:02
**Tech:** 2657
**SOP:** 424
**Final Weight:** 0.5003 g
**Volume:** 5 ml

| ANALYTE | LOD/LOQ (ppm) | DIL. | ACTION LEVEL(ppm) | RESULTS (ppm) | ANALYTE | LOD/LOQ (ppm) | DIL. | ACTION LIMIT(ppm) | RESULTS (ppm) |
|---|---|---|---|---|---|---|---|---|---|
| Abamectin B1a | 0.002/0.035 | 2 | 0.1 | ND | Imazalil | 0.002/0.01 | 2 | 0.1 | ND |
| Acephate | 0.002/0.04 | 2 | 0.1 | ND | Imidacloprid | 0.002/0.002 | 2 | 0.4 | ND |
| Acequinocyl | 0.002/0.002 | 2 | 0.1 | ND | Kresoxim-methyl | 0.002/0.002 | 2 | 0.1 | ND |
| Acetamiprid | 0.002/0.002 | 2 | 0.1 | ND | Malathion | 0.01/0.04 | 2 | 0.2 | ND |
| Aldicarb | 0.002/0.01 | 2 | 0.1 | ND | Metalaxyl | 0.002/0.004 | 2 | 0.1 | ND |
| Azoxystrobin | 0.002/0.04 | 2 | 0.1 | ND | Methiocarb | 0.002/0.01 | 2 | 0.1 | ND |
| Bifenazate | 0.002/0.002 | 2 | 0.1 | ND | Methomyl | 0.002/0.002 | 2 | 0.1 | ND |
| Bifenthrin | 0.002/0.002 | 2 | 0.1 | 0.028 | Mevinphos | 0.009/0.036 | 2 | 0.1 | ND |
| Boscalid | 0.01/0.05 | 2 | 0.1 | ND | Myclobutanil | 0.002/0.04 | 2 | 0.1 | ND |
| Carbaryl | 0.002/0.004 | 2 | 0.5 | ND | Naled | 0.002/0.01 | 2 | 0.25 | ND |
| Carbofuran | 0.002/0.01 | 2 | 0.1 | ND | Oxamyl | 0.002/0.002 | 2 | 0.5 | ND |
| Chlorantraniliprole | 0.002/0.01 | 2 | 1 | ND | Paclobutrazol | 0.002/0.004 | 2 | 0.1 | ND |
| Chlormequat chloride | 0.002/0.004 | 2 | 1 | ND | Permethrins | 0.002/0.01 | 2 | 0.1 | <LOQ |
| Chlorpyrifos | 0.002/0.01 | 2 | 0.1 | ND | Phosmet | 0.002/0.002 | 2 | 0.1 | ND |
| Clofentezine | 0.002/0.002 | 2 | 0.2 | ND | Piperonyl Butoxide | 0.002/0.002 | 2 | 3 | ND |
| Daminozide | 0.01/0.04 | 2 | 0.1 | ND | Prallethrin | 0.002/0.01 | 2 | 0.1 | ND |
| Diazinon | 0.002/0.01 | 2 | 0.1 | ND | Propiconazole | 0.002/0.04 | 2 | 0.1 | <LOQ |
| Dichlorvos | 0.002/0.04 | 2 | 0.1 | ND | Propoxur | 0.002/0.01 | 2 | 0.1 | ND |
| Dimethoate | 0.002/0.002 | 2 | 0.1 | ND | Pyrethrins | 0.001/0.013 | 2 | 0.5 | ND |
| Dimethomorph | 0.001/0.002 | 2 | 0.2 | ND | Pyridaben | 0.002/0.002 | 2 | 0.2 | ND |
| Ethoprophos | 0.002/0.01 | 2 | 0.1 | ND | Spinetoram | 0.001/0.003 | 2 | 0.2 | ND |
| Etofenprox | 0.002/0.002 | 2 | 0.1 | ND | Spinosad | 0.001/0.001 | 2 | 0.1 | ND |
| Etoxazole | 0.002/0.002 | 2 | 0.1 | ND | Spiromesifen | 0.002/0.002 | 2 | 0.1 | ND |
| Fenhexamid | 0.01/0.04 | 2 | 0.1 | ND | Spirotetramat | 0.002/0.01 | 2 | 0.1 | ND |
| Fenoxycarb | 0.002/0.004 | 2 | 0.1 | ND | Spiroxamine | 0.002/0.04 | 2 | 0.1 | ND |
| Fenpyroximate | 0.002/0.002 | 2 | 0.1 | ND | Tebuconazole | 0.01/0.04 | 2 | 0.1 | ND |
| Fipronil | 0.002/0.004 | 2 | 0.1 | 0.007 | Thiacloprid | 0.002/0.002 | 2 | 0.1 | ND |
| Flonicamid | 0.002/0.01 | 2 | 0.1 | ND | Thiamethoxam | 0.002/0.01 | 2 | 0.5 | ND |
| Fludioxonil | 0.002/0.004 | 2 | 0.1 | ND | Trifloxystrobin | 0.002/0.002 | 2 | 0.1 | 0.008 |
| Hexythiazox | 0.002/0.004 | 2 | 0.1 | ND | | | | | |

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Lab Director

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# CERTIFICATE OF ANALYSIS

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**SunFlora Inc.**
Order #: 70603
Retail Batch #: 091522CART
700mg vape cartridge

## TERPENES TOTAL

GC-FID

**TESTED (7.371 %)**

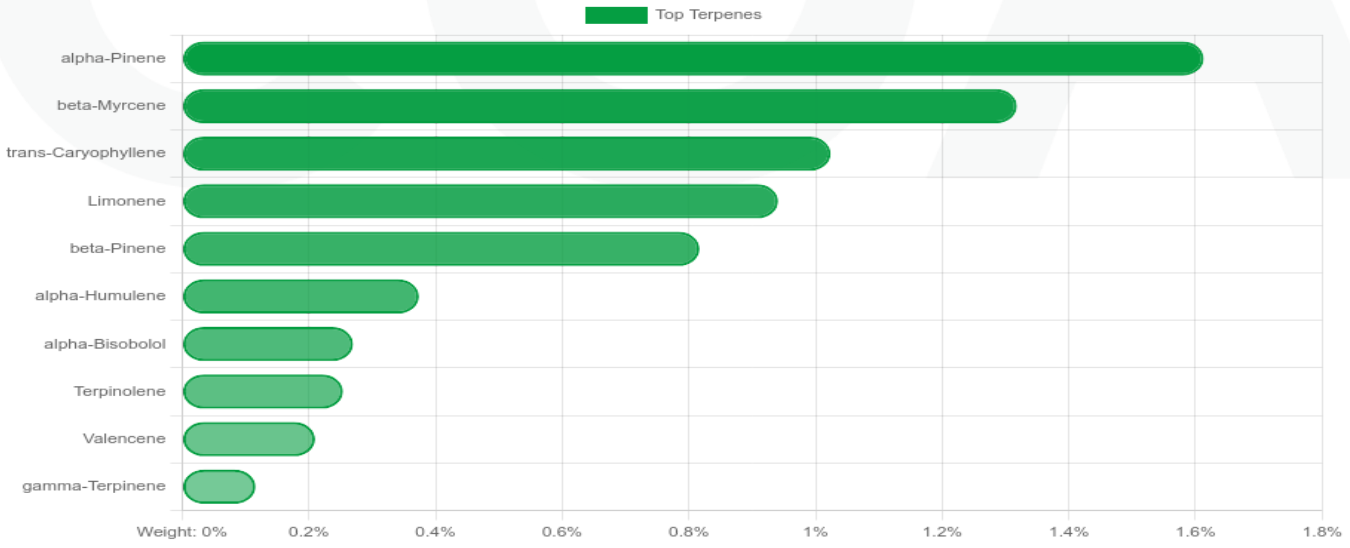
### Sample Prep

**Tech:** 3358
**SOP:** 421
**Batch Number:** 55585
**Batch Date:** 08/26/2022 15:27:26

### Sample Analysis

**Date/Time:** 08/29/2022 12:27:58
**Tech:** 2816
**SOP:** 419
**Final Weight:** 0.3904 g
**Volume:** 10 ml

| TERPENE | LOD/LOQ (%) | DIL. | RESULTS (%) | TERPENE | LOD/LOQ (%) | DIL. | RESULTS (%) |
|---|---|---|---|---|---|---|---|
| 3-Carene | 0.001/0.003 | 1 | ND | Geraniol | 0.001/0.003 | 1 | 0.005 |
| alpha-Bisobolol | 0.001/0.003 | 1 | 0.270 | Geranyl acetate | 0.001/0.003 | 1 | ND |
| alpha-Cedrene | 0.001/0.003 | 1 | ND | Guaiol | 0.001/0.003 | 1 | 0.011 |
| alpha-Humulene | 0.001/0.003 | 1 | 0.374 | Hexahydrothymol | 0.001/0.003 | 1 | 0.008 |
| alpha-Pinene | 0.001/0.003 | 1 | 1.613 | Isoborneol | 0.001/0.003 | 1 | 0.004 |
| alpha-Terpinene | 0.001/0.003 | 1 | 0.003 | Isopulegol | 0.001/0.003 | 1 | 0.003 |
| beta-Myrcene | 0.001/0.003 | 1 | 1.318 | Limonene | 0.001/0.003 | 1 | 0.941 |
| beta-Pinene | 0.001/0.003 | 1 | 0.817 | Linalool | 0.001/0.003 | 1 | 0.100 |
| Borneol | 0.001/0.003 | 1 | ND | Nerol | 0.001/0.003 | 1 | ND |
| Camphene | 0.001/0.003 | 1 | 0.031 | p-Mentha-1,5-diene | 0.001/0.003 | 1 | ND |
| Camphor | 0.001/0.003 | 1 | 0.003 | Pulegone | 0.001/0.003 | 1 | ND |
| Caryophyllene oxide | 0.001/0.003 | 1 | 0.025 | Sabinene hydrate | 0.001/0.003 | 1 | ND |
| Cedrol | 0.001/0.003 | 1 | ND | Terpineol | 0.001/0.003 | 1 | 0.042 |
| cis-Nerolidol | 0.001/0.003 | 1 | ND | Terpinolene | 0.001/0.003 | 1 | 0.254 |
| cis-Ocimene | 0.001/0.003 | 1 | 0.076 | trans-Caryophyllene | 0.001/0.003 | 1 | 1.024 |
| Eucalyptol | 0.001/0.003 | 1 | ND | trans-Nerolidol | 0.001/0.003 | 1 | 0.093 |
| Fenchone | 0.001/0.003 | 1 | ND | trans-Ocimene | 0.001/0.003 | 1 | ND |
| Fenchyl alcohol | 0.001/0.003 | 1 | 0.030 | Valencene | 0.001/0.003 | 1 | 0.210 |
| gamma-Terpinene | 0.001/0.003 | 1 | 0.116 | | | | |




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SunFlora Inc.
Order #: 70603
Retail Batch #: 091522CART 700mg vape cartridge

## CERTIFICATE OF ANALYSIS

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## RESIDUAL SOLVENTS

HS-GC-MS **PASS**

### Sample Prep

**Tech:** 4074
**SOP:** 405
**Batch Number:** 55560
**Batch Date:** 08/25/2022 16:15:04

### Sample Analysis

**Date/Time:** 08/29/2022 15:02:29
**Tech:** 2816
**SOP:** 405
**Final Weight:** 0.0508 g
**Volume:** 1 ml

| ANALYTE | LOD/LOQ (ppm) | DIL. | ACTION LIMIT(ppm) | RESULTS (ppm) | ANALYTE | LOD/LOQ (ppm) | DIL. | ACTION LIMIT(ppm) | RESULTS (ppm) |
|---|---|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 0.6/0.63 | 1 | 8 | ND | Heptane | 6/140 | 1 | 5000 | ND |
| 1,2-Dichloroethane | 0.012/0.12 | 1 | 2 | ND | Hexanes | 0.06/18 | 1 | 250 | ND |
| Acetone | 9/140 | 1 | 750 | <LOQ | Isopropyl alcohol | 3/140 | 1 | 500 | <LOQ |
| Acetonitrile | 0.72/25 | 1 | 60 | ND | Methanol | 6/100 | 1 | 250 | <LOQ |
| Benzene | 0.6/1 | 1 | 1 | ND | Methylene chloride | 1.5/1.5 | 1 | 125 | ND |
| Butane | 48/50 | 1 | 5000 | ND | Pentane | 9/140 | 1 | 750 | ND |
| Chloroform | 0.2/1 | 1 | 2 | ND | Propane | 30/30 | 1 | 5000 | ND |
| Ethanol | 12/140 | 1 | 5000 | <LOQ | Toluene | 0.9/53 | 1 | 150 | ND |
| Ethyl acetate | 2.4/140 | 1 | 400 | ND | Total xylenes | 1.8/130 | 1 | 150 | ND |
| Ethyl ether | 6/140 | 1 | 500 | ND | Trichloroethylene | 0.3/1 | 1 | 25 | ND |
| Ethylene oxide | 0.6/2 | 1 | 5 | ND | | | | | |

## HEAVY METAL ANALYSIS

ICP-MS **PASS**

### Sample Prep

**Tech:** 3975
**SOP:** 428
**Batch Number:** 55599
**Batch Date:** 08/29/2022 08:35:48

### Sample Analysis

**Date/Time:** 08/29/2022 16:39:02
**Tech:** 3396
**SOP:** 428
**Final Weight:** 0.2067 g
**Volume:** 60 ml

| ANALYTE | LOD/LOQ (ppb) | DIL. | ACTION LIMIT (ppb) | RESULTS (ppb) |
|---|---|---|---|---|
| Arsenic | 20/75 | 1 | 200 | ND |
| Cadmium | 20/75 | 1 | 200 | ND |
| Lead | 20/75 | 1 | 500 | ND |
| Mercury | 20/75 | 1 | 200 | ND |

## FILTH & FOREIGN MATERIAL ANALYSIS

**Result:** PASS

### Sample Prep and Analysis

**Date/Time:** 08/26/2022 21:11:26
**Tech:** 4090
**SOP:** 409
**Final Weight:** 7.1369 g

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SunFlora Inc.
Order #: 70603
Retail Batch #: 091522CART
700mg vape cartridge

## MICROBIAL ANALYSIS

**PASS**

### Sample Prep

Tech: 3358
SOP: 406

Batch Number: 55584
Batch Date: 08/26/2022 15:25:30

### Sample Analysis

Date/Time: 08/27/2022 14:48:52
Tech: 3571
SOP: 406

Final Weight: 1.0156 g

| ANALYTE | TEST METHOD | ALLOWABLE CRITERIA | ACTUAL RESULT | PASS/FAIL |
|---|---|---|---|---|
| Total yeast and mold | qPCR | NA | NOT DETECTED | PASS |

### Sample Prep

Tech: 3358
SOP: 406

Batch Number: 55582
Batch Date: 08/26/2022 15:24:51

### Sample Analysis

Date/Time: 08/28/2022 14:27:28
Tech: 3571
SOP: 406

Final Weight: 1.0288 g

| ANALYTE | TEST METHOD | ALLOWABLE CRITERIA | ACTUAL RESULT | PASS/FAIL |
|---|---|---|---|---|
| Salmonella | qPCR | < 1 CFU/g | NOT DETECTED | PASS |
| STEC e. coli | qPCR | < 1 CFU/g | NOT DETECTED | PASS |

### Sample Prep

Tech: 3358
SOP: 406

Batch Number: 55582
Batch Date: 08/26/2022 15:24:51

### Sample Analysis

Date/Time: 08/28/2022 14:27:28
Tech: 3571
SOP: 406

Final Weight: 1.0288 g

| ANALYTE | TEST METHOD | ALLOWABLE CRITERIA | ACTUAL RESULT | PASS/FAIL |
|---|---|---|---|---|
| Pathogenic e. coli | qPCR | < 1 CFU/g | NOT DETECTED | PASS |

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SunFlora Inc.
Order #: 70603
Retail Batch #: 091522CART
700mg vape cartridge

## WATER ACTIVITY

Water Activity Meter
**Water:** 0.552 Aw

### Sample Prep and Analysis

**Date/Time:** 08/26/2022 22:00:00
**Tech:** 4090
**SOP:** 407
**Final Weight:** 1.0027 g

## MOISTURE ANALYSIS

**Moisture:** **7.74 %**

### Sample Prep and Analysis

**Date/Time:** 08/26/2022 21:34:59
**Tech:** 4090
**SOP:** 411
**Final Weight:** 0.310 g

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