kaycha LABS

4131 SW 47th AVENUE SUITE 1408
DAVIE, FL, 33314, US

**Kaycha Labs**

Limelight 1.5g Pre-Roll
Limelight
Matrix: Flower

# Certificate of Analysis

**Sample:DA10218003-002**
**Harvest/Lot ID: 0729 5657 6162 1505**
**Cultivation Facility: Tampa Cultivation**
**Processing Facility : Tampa Processing**
**Seed to Sale #**0729 5657 6162 1505
**Batch Date :**02/03/21
**Batch#:** 3261 6058 7623 4073
**Sample Size Received:** 27 gram
**Retail Product Size:** 1.5
**Ordered** : 02/17/21
**sampled** : 02/17/21
**Completed:** 02/22/21 Expires: 02/22/22
**Sampling Method:** SOP.T.20.010

Feb 22, 2021 | FLUENT
82 NE 26th street
Miami, FL, 33330, US

**PASSED**



**PRODUCT IMAGE** **SAFETY RESULTS** **MISC.**

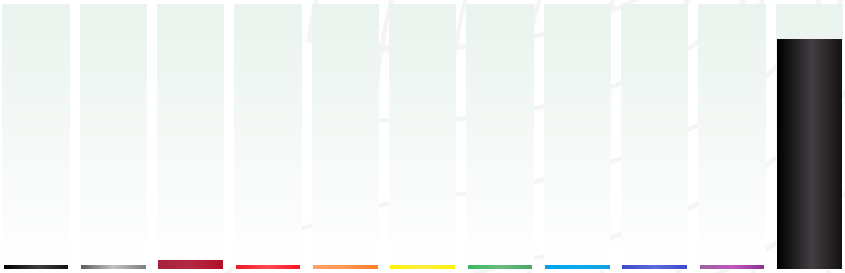
| Pesticides | Heavy Metals | Microbials | Mycotoxins | Residuals Solvents | Filth | Water Activity | Moisture | Terpenes |
|---|---|---|---|---|---|---|---|---|
| PASSED | PASSED | PASSED | PASSED | NOT TESTED | PASSED | PASSED | PASSED | TESTED |

## CANNABINOID RESULTS

**Total THC**
**13.286%**
**TOTAL THC/Container :199.305 mg**

**Total CBD**
**0.032%**
**TOTAL CBD/Container :0.487 mg**

**Total Cannabinoids**
**15.859%**
**Total Cannabinoids/Container :237.885 mg**



| | CBDV | CBDA | CBGA | CBG | CBD | THCV | CBN | D9-THC | D8-THC | CBC | THCA |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | ND | 0.037% | 0.606% | 0.066% | ND | ND | ND | 0.089% | <0.010 | 0.012% | 15.049 % |
| | ND | 0.370 mg/g | 6.060 mg/g | 0.660 mg/g | ND | ND | ND | 0.890 mg/g | <0.010 | 0.120 mg/g | 150.490 mg/g |
| LOD | 0.001 % | 0.001 % | 0.001 % | 0.001 % | 0.0001 % | 0.001 % | 0.001 % | 0.0001 % | 0.001 % | 0.001 % | 0.001 % |

### Cannabinoid Profile Test

| Analyzed by | Weight | Extraction date : | Extracted By : |
|---|---|---|---|
| 450 | 0.2g | NA | NA |

**Analysis Method -**SOP.T.40.020, SOP.T.30.050 **Reviewed On -** 02/19/21 11:59:28 **Batch Date :** 02/18/21 09:41:08
**Analytical Batch -**DA022648POT **Instrument Used :** DA-LC-002

| Reagent | Dilution | Consums. ID |
|---|---|---|
| 020121.50 | 400 | 280670723 |
| 021521.R27 | | 11989-024CC-024 |
| 021821.R08 | | 76262-590 |
| | | 914C4-914AK |
| | | 929C6-929H |

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).

### Filth — PASSED

| Analyzed By | Weight | Extraction date | Extracted By |
|---|---|---|---|
| 457 | NA | NA | NA |

| Analyte | LOD | Result |
|---|---|---|
| Filth and Foreign Material | 0.1 | ND |

**Analysis Method -**SOP.T.40.013 **Batch Date :** 02/18/21 11:16:45
**Analytical Batch -**DA022666FIL **Reviewed On -** 02/18/21 13:11:26
**Instrument Used :** Filth/Foreign Material Microscope

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.

### Water Activity — PASSED

| Analyte | Analyzed by | Weight | Ext. date | LOD | A.L | Result |
|---|---|---|---|---|---|---|
| WATER ACTIVITY | 457 | NA | NA | 0.1 aw | 0.65aw | 0.485 aW |

**Analysis Method -**Water Activity SOP.T.40.010 **Batch Date :** 02/18/21 11:01:56
**Analytical Batch -**DA022662WAT **Reviewed On -** 02/18/21 14:12:11
**Instrument Used :** DA-028 Rotronic Hygropalm

### Moisture — PASSED

| Analyte | Analyzed by | Weight | Ext. date | LOD | A.L | Result |
|---|---|---|---|---|---|---|
| MOISTURE CONTENT | 457 | NA | NA | 1 % | 15% | 10.480 % |

**Analysis Method -**Moisture Analysis SOP.T.40.011 **Batch Date :** 02/18/21 10:54:27
**Analytical Batch -**DA022660MOI **Reviewed On -** 02/18/21 14:06:43
**Instrument Used :** DA-046 Moisture Analyzer

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**Jorge Segredo**
Lab Director
State License # CMTL-0002
ISO Accreditation # ISO/IEC 17025:2017 Accreditation PJLA-Testing 97164

Signature

02/22/2021
Signed On

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Limelight
Matrix : Flower

# Certificate of Analysis

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**FLUENT**

82 NE 26th street
Miami, FL, 33330, US
**Telephone:** (305) 900-6266
**Email:** Sam@getfluent.com

**Sample : DA10218003-002**
**Harvest/LOT ID: 0729 5657 6162 1505**
**Batch# :** 3261 6058 7623 4073
**Sampled :** 02/17/21
**Ordered :** 02/17/21
**Sample Size Received :** 27 gram
**Completed :** 02/22/21 **Expires:** 02/22/22
**Sample Method :** SOP.T.20.010



## Terpenes

**TESTED**

| Terpenes | LOD (%) | mg/g | % | Result (%) |
|---|---|---|---|---|
| CAMPHENE | 0.007 | ND | ND | |
| BETA-MYRCENE | 0.007 | 0.9024 | 0.0902 | |
| ALPHA-PHELLANDRENE | 0.007 | ND | ND | |
| 3-CARENE | 0.007 | ND | ND | |
| OCIMENE | 0.007 | ND | ND | |
| EUCALYPTOL | 0.007 | ND | ND | |
| LINALOOL | 0.007 | 0.6244 | 0.0624 | |
| FENCHONE | 0.007 | ND | ND | |
| ISOPULEGOL | 0.007 | ND | ND | |
| ISOBORNEOL | 0.007 | ND | ND | |
| HEXAHYDROTHYMOL | 0.007 | ND | ND | |
| NEROL | 0.007 | ND | ND | |
| GERANYL ACETATE | 0.007 | ND | ND | |
| BETA-CARYOPHYLLENE | 0.007 | 2.7933 | 0.2793 | |
| VALENCENE | 0.007 | ND | ND | |
| CIS-NEROLIDOL | 0.007 | ND | ND | |
| CARYOPHYLLENE OXIDE | 0.007 | ND | ND | |
| CEDROL | 0.007 | ND | ND | |
| FARNESENE | 0.007 | 4.7462 | 0.4746 | |
| ALPHA-BISABOLOL | 0.007 | < 0.2 | < 0.020 | |
| ALPHA-PINENE | 0.007 | < 0.2 | < 0.020 | |
| SABINENE | 0.007 | ND | ND | |
| BETA-PINENE | 0.007 | 0.3015 | 0.0301 | |
| ALPHA-TERPINENE | 0.007 | ND | ND | |
| LIMONENE | 0.007 | 2.3433 | 0.2343 | |
| GAMMA-TERPINENE | 0.007 | ND | ND | |
| TERPINOLENE | 0.007 | ND | ND | |
| SABINENE HYDRATE | 0.007 | ND | ND | |
| FENCHYL ALCOHOL | 0.007 | ND | ND | |
| CAMPHOR | 0.013 | ND | ND | |
| BORNEOL | 0.013 | ND | ND | |
| **Total (%)** | | 1.281 | | |

| Terpenes | LOD(%) | mg/g | % | Result (%) |
|---|---|---|---|---|
| TERPINEOL | 0.007 | < 0.2 | < 0.020 | |
| GERANIOL | 0.007 | < 0.2 | < 0.020 | |
| PULEGONE | 0.007 | ND | ND | |
| ALPHA-CEDRENE | 0.007 | ND | ND | |
| ALPHA-HUMULENE | 0.007 | 1.1000 | 0.1100 | |
| TRANS-NEROLIDOL | 0.007 | ND | ND | |
| GUAIOL | 0.007 | ND | ND | |

## Terpenes

**TESTED**

| Analyzed by | Weight | Extraction date | Extracted By |
|---|---|---|---|
| 1351 | 1.021g | 02/18/21 10:02:24 | 1351 |

**Analysis Method -SOP.T.40.090**
**Analytical Batch -DA022587TER**
**Reviewed On - 02/19/21 08:57:06**
**Instrument Used : DA-GCMS-004**
**Running On : 02/17/21 12:55:59**
**Batch Date : 02/17/21 10:07:31**

| Reagent | Dilution | Consums. ID |
|---|---|---|
| 021521.R05 | 10 | 287035261 |
| 021521.R06 | | 12499404 |
| 012521.R02 | | 76262-590 |
| 021521.R11 | | |

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.

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**Jorge Segredo**
Lab Director

State License # CMTL-0002
ISO Accreditation # ISO/IEC 17025:2017 Accreditation PJLA-Testing 97164

Signature

02/22/2021
Signed On

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**Harvest/LOT ID: 0729 5657 6162 1505**
**Batch# :** 3261 6058 7623 4073
**Sampled :** 02/17/21
**Ordered :** 02/17/21

**Sample Size Received :** 27 gram
**Completed :** 02/22/21 **Expires:** 02/22/22
**Sample Method :** SOP.T.20.010



## Pesticides

**PASSED**

| Pesticides | LOD | Units | Action Level | Result |
|---|---|---|---|---|
| ABAMECTIN B1A | 0.01 | ppm | 0.1 | ND |
| ACEPHATE | 0.01 | ppm | 0.1 | ND |
| ACEQUINOCYL | 0.01 | ppm | 0.1 | ND |
| ACETAMIPRID | 0.01 | ppm | 0.1 | ND |
| ALDICARB | 0.01 | ppm | 0.1 | ND |
| AZOXYSTROBIN | 0.01 | ppm | 0.1 | ND |
| BIFENAZATE | 0.01 | ppm | 0.1 | ND |
| BIFENTHRIN | 0.01 | ppm | 0.1 | ND |
| BOSCALID | 0.01 | PPM | 0.1 | ND |
| CARBARYL | 0.05 | ppm | 0.5 | ND |
| CARBOFURAN | 0.01 | ppm | 0.1 | ND |
| CHLORANTRANILIPROLE | 0.1 | ppm | 1 | ND |
| CHLORMEQUAT CHLORIDE | 0.1 | ppm | 1 | ND |
| CHLORPYRIFOS | 0.01 | ppm | 0.1 | ND |
| CLOFENTEZINE | 0.02 | ppm | 0.2 | ND |
| COUMAPHOS | 0.01 | ppm | 0.1 | ND |
| DAMINOZIDE | 0.01 | ppm | 0.1 | ND |
| DICHLORVOS | 0.01 | ppm | 0.1 | ND |
| DIMETHOATE | 0.01 | ppm | 0.1 | ND |
| ETHOPROPHOS | 0.01 | ppm | 0.1 | ND |
| ETOFENPROX | 0.01 | ppm | 0.1 | ND |
| ETOXAZOLE | 0.01 | ppm | 0.1 | ND |
| FENHEXAMID | 0.01 | ppm | 0.1 | ND |
| FENOXYCARB | 0.01 | ppm | 0.1 | ND |
| FENPYROXIMATE | 0.01 | ppm | 0.1 | ND |
| FIPRONIL | 0.01 | ppm | 0.1 | ND |
| FLONICAMID | 0.01 | ppm | 0.1 | ND |
| FLUDIOXONIL | 0.01 | ppm | 0.1 | ND |
| HEXYTHIAZOX | 0.01 | ppm | 0.1 | ND |
| IMAZALIL | 0.01 | ppm | 0.1 | ND |
| IMIDACLOPRID | 0.04 | ppm | 0.4 | ND |
| KRESOXIM-METHYL | 0.01 | ppm | 0.1 | ND |
| MALATHION | 0.02 | ppm | 0.2 | ND |
| METALAXYL | 0.01 | ppm | 0.1 | ND |
| METHIOCARB | 0.01 | ppm | 0.1 | ND |
| METHOMYL | 0.01 | ppm | 0.1 | ND |
| MEVINPHOS | 0.01 | ppm | 0.1 | ND |
| MYCLOBUTANIL | 0.01 | ppm | 0.1 | ND |
| NALED | 0.025 | ppm | 0.25 | ND |
| OXAMYL | 0.05 | ppm | 0.5 | ND |
| PACLOBUTRAZOL | 0.01 | ppm | 0.1 | ND |
| PHOSMET | 0.01 | ppm | 0.1 | ND |
| PIPERONYL BUTOXIDE | 0.3 | ppm | 3 | ND |
| PRALLETHRIN | 0.01 | ppm | 0.1 | ND |
| PROPICONAZOLE | 0.01 | ppm | 0.1 | ND |
| PROPOXUR | 0.01 | ppm | 0.1 | ND |

| Pesticides | LOD | Units | Action Level | Result |
|---|---|---|---|---|
| PYRETHRINS | 0.05 | ppm | 0.5 | ND |
| PYRIDABEN | 0.02 | ppm | 0.2 | ND |
| SPIROMESIFEN | 0.01 | ppm | 0.1 | ND |
| SPIROTETRAMAT | 0.01 | ppm | 0.1 | ND |
| SPIROXAMINE | 0.01 | ppm | 0.1 | ND |
| TEBUCONAZOLE | 0.01 | ppm | 0.1 | ND |
| THIACLOPRID | 0.01 | ppm | 0.1 | ND |
| THIAMETHOXAM | 0.05 | ppm | 0.5 | ND |
| TOTAL CONTAMINANT LOAD (PESTICIDES) | 0.01 | PPM | 5 | ND |
| TOTAL DIAZINON | 0.01 | PPM | 0.1 | ND |
| TOTAL DIMETHOMORPH | 0.02 | PPM | 0.2 | ND |
| TOTAL PERMETHRIN | 0.01 | ppm | 0.1 | ND |
| TOTAL SPINETORAM | 0.02 | PPM | 0.2 | ND |
| TOTAL SPINOSAD | 0.01 | ppm | 0.1 | ND |
| TRIFLOXYSTROBIN | 0.01 | ppm | 0.1 | ND |
| PENTACHLORONITROBENZENE (PCNB) * | 0.01 | PPM | 0.15 | ND |
| PARATHION-METHYL * | 0.01 | PPM | 0.1 | ND |
| CHLORDANE * | 0.01 | PPM | 0.1 | ND |
| CAPTAN * | 0.025 | PPM | 0.7 | ND |
| CHLORFENAPYR * | 0.01 | PPM | 0.1 | ND |
| CYFLUTHRIN * | 0.01 | PPM | 0.5 | ND |
| CYPERMETHRIN * | 0.01 | PPM | 0.5 | ND |

### Pesticides

**PASSED**

| Analyzed by | Weight | Extraction date | Extracted By |
|---|---|---|---|
| 585 , 1665 | 1.0352g | 02/18/21 12:02:17 | 585 , 1665 |

**Analysis Method -** SOP.T.30.065, SOP.T.40.065, SOP.T.40.066, SOP.T.40.070 , SOP.T.30.065, SOP.T40.070
**Analytical Batch -** DA022537PES , DA022644VOL
**Reviewed On-** 02/18/21 13:11:26
**Instrument Used :** DA-LCMS-001_FLO (PES) , DA-GCMS-001
**Running On :** 02/18/21 15:58:31 , 02/18/21 15:57:31
**Batch Date :** 02/16/21 10:39:56

| Reagent | Dilution | Consums. ID |
|---|---|---|
| 021521.R28 | 10 | 287035261 |
| 092820.58<br>112020.12 | | |

Pesticide screen is performed using LC-MS and/or GC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Currently we analyze for 67 Pesticides. (Method: SOP.T.30.060 Sample Preparation for Pesticides Analysis via LCMSMS and GCMSMS. SOP.T40.065/SOP.T.40.066/SOP.T.40.070 Procedure for Pesticide Quantification Using LCMS and GCMS). * Volatile Pesticide screening is performed using GC-MS which can screen down to below single digit ppb concentrations for regulated Pesticides. Analytes marked with an asterisk were tested using GC-MS.

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**Jorge Segredo**
Lab Director

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Signature

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**Sampled :** 02/17/21
**Ordered :** 02/17/21

**Sample Size Received :** 27 gram
**Completed :** 02/22/21 **Expires:** 02/22/22
**Sample Method :** SOP.T.20.010



## Microbials — PASSED

| Analyte | LOD | Result |
|---|---|---|
| ESCHERICHIA_COLI_SHIGELLA_SPP | | not present in 1 gram. |
| SALMONELLA_SPECIFIC_GENE | | not present in 1 gram. |
| ASPERGILLUS_FLAVUS | | not present in 1 gram. |
| ASPERGILLUS_FUMIGATUS | | not present in 1 gram. |
| ASPERGILLUS_TERREUS | | not present in 1 gram. |
| ASPERGILLUS_NIGER | | not present in 1 gram. |
| TOTAL YEAST AND MOLD | 10 | 10000 CFU |

**Analysis Method -SOP.T.40.043 / SOP.T.40.044 / SOP.T.40.041**
**Analytical Batch -DA022626MIC , DA022627TYM Batch Date : 02/18/21, 02/18/21**
**Instrument Used : PathogenDx Scanner DA-111,**
**Running On : 02/18/21, 02/18/21**

| Analyzed by | Weight | Extraction date | Extracted By |
|---|---|---|---|
| 1829, 513 | NA | NA | NA, 513 |

| Reagent | Consums. ID | Consums. ID | Consums. ID | Consums. ID | Consums. ID |
|---|---|---|---|---|---|
| 011121.52 | 200103-274 | 2804029 | 039 | 2811020 | 929C6-929H |
| 101420.21 | 3110 | 2803033 | 2807013 | 20324 | |
| | 218917 | D010 | 2810013G | 012020 | |
| | 002005 | D008 | 2809006 | 009C6-009 | |
| | 11.12.2020.MIC | A12 | 2804030 | 200507119C | |
| | 11989-024CC-024 | A10 | 2808009 | 914C4-914AK | |

Microbiological testing for Fungal and Bacterial Identification via Polymerase Chain Reaction (PCR) method consisting of sample DNA amplified via tandem Polymerase Chain Reaction (PCR) as a crude lysate which avoids purification. (Method SOP.T.40.043) If a pathogenic Escherichia Coli, Salmonella, Aspergillus fumigatus, Aspergillus flavus, Aspergillus niger, or Aspergillus terreus is detected in 1g of a sample, the sample fails the microbiological detection testing. Testing for these microorganisms may also be analyzed through a culture-based method that employs the use of differentiating plates that are used for the isolation and enumeration of a specific organism or organism groups (Method SOP.T.40.041).

## Mycotoxins — PASSED

| Analyte | LOD | Units | Result | Action Level (PPM) |
|---|---|---|---|---|
| AFLATOXIN G2 | 0.002 | ppm | ND | 0.02 |
| AFLATOXIN G1 | 0.002 | ppm | ND | 0.02 |
| AFLATOXIN B2 | 0.002 | ppm | ND | 0.02 |
| AFLATOXIN B1 | 0.002 | ppm | ND | 0.02 |
| TOTAL OCHRATOXIN A | 0.002 | PPM | ND | 0.02 |

**Analysis Method -SOP.T.30.065, SOP.T.40.065**
**Analytical Batch -DA022538MYC | Reviewed On - 02/19/21 17:52:36**
**Instrument Used : DA-LCMS-001_FLO (MYC)**
**Running On : 02/18/21 15:58:40**
**Batch Date : 02/16/21 10:51:34**

| Analyzed by | Weight | Extraction date | Extracted By |
|---|---|---|---|
| 585 | NA | 02/18/21 12:02:39 | 585 |

Aflatoxins B1, B2, G1, G2, and Ochratoxins A testing using LC-MS. (Method: SOP.T.30.065 for Sample Preparation and SOP.T40.065 Procedure for Mycotoxins Quantification Using LCMS. LOQ 1.0 ppb). Aflatoxin B1, B2, G1, and G2 must individually be <20ug/Kg. Ochratoxins must be <20µg/Kg.

## Heavy Metals — PASSED

| Reagent | Reagent | Dilution | Consums. ID |
|---|---|---|---|
| 021721.R08 | 020921.R12 | 100 | 89401-566 |
| 021121.R08 | 021521.R02 | | |
| 020921.R11 | 121420.01 | | |
| 020821.R07 | 090420.14 | | |
| 020321.R31 | 030420.08 | | |
| 020521.R14 | 020121.66 | | |

| Metal | LOD | Unit | Result | Action Level (PPM) |
|---|---|---|---|---|
| ARSENIC | 0.02 | PPM | <0.100 | 0.2 |
| CADMIUM | 0.02 | PPM | <0.100 | 0.2 |
| MERCURY | 0.02 | PPM | ND | 0.2 |
| LEAD | 0.05 | PPM | <0.250 | 0.5 |

| Analyzed by | Weight | Extraction date | Extracted By |
|---|---|---|---|
| 1022 | 0.2629g | NA | NA |

**Analysis Method -SOP.T.40.050, SOP.T.30.052**
**Analytical Batch -DA022652HEA | Reviewed On - 02/19/21 09:00:41**
**Instrument Used : DA-ICPMS-002**
**Running On : 02/18/21 16:29:46**
**Batch Date : 02/18/21 10:13:18**

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.

This report shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. This report is an Kaycha Labs certification. The results relate only to the material or product analyzed. Test results are confidential unless explicitly waived otherwise. Void after 1 year from test end date. Cannabinoid content of batch material may vary depending on sampling error. IC=In-control QC parameter, NC=Non-controlled QC parameter, ND=Not Detected, NA=Not Analyzed, ppm=Parts Per Million, ppb=Parts Per Billion. Limit of Detection (LoD) and Limit Of Quantitation (LoQ) are terms used to describe the smallest concentration that can be reliably measured by an analytical procedure. RPD=Reproducibility of two measurements. Action Levels are State determined thresholds for human safety for consumption and/or inhalation. The result >99% are variable based on uncertainty of measurement (UM) for the analyte. The UM error is available from the lab upon request.The "Decision Rule" for the pass/fail does not include the UM. The limits are based on F.S. Rule 64-4.310.

**Jorge Segredo**
Lab Director

State License # CMTL-0002
ISO Accreditation # ISO/IEC 17025:2017 Accreditation PJLA-Testing 97164

Signature

02/22/2021
Signed On