



Alcohol Testing Program

### INSTRUMENT PROCESSING SHEET

Agency Palm Beach CSO S/N 80-006029

Date In 3/6/17 Date Out 3/6/17  Ship  P/U  H/D  CMI  EE

BK

- InTake Performed By SP
- Registration
  - Annual
  - Return from CMI
  - Return from Enforcement
  - Electronics
  - Other \_\_\_\_\_

- Visual Inspection:
- OK Case OK Handle
  - OK Dry Gas Holder OK Feet
  - OK Keyboard/Plug OK Back/Plugs
  - OK Screws tight OK Breath Hose

- Other Equipment:
- Power cord
  - Printer Cable
  - Other \_\_\_\_\_

Notes: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

- Quality Checks Performed By SP
- Breath Tube Screen
  - Replace O-Rings
  - Instrument Set Up Verified
  - R-Value 210
  - Flow Verification (L/s)

- Flow Column # ATP101
- 32mm .156 (.139 - .169)
- 36mm .171 (.156 - .190)
- 53mm .238 (.228 - .278)
- 103mm .488 (.447 - .547)

| Simulator | Serial #      | Lot #/Exp                          |
|-----------|---------------|------------------------------------|
| 0.05      | <u>SD1014</u> | <u>201605D</u><br><u>3-8-18</u>    |
| 0.08      | <u>SD1015</u> | <u>201601F</u><br><u>1-26-18</u>   |
| 0.20      | <u>SD1017</u> | <u>201604C</u><br><u>4-5-18</u>    |
| 0.08 DGS  | <u>N/A</u>    | <u>AG6005301</u><br><u>2-28-18</u> |

- Flow Calibration Performed By \_\_\_\_\_
- Flow Calibration N/A
  - Flow Calibration Complete
  - Flow Column # \_\_\_\_\_
  - 5L/min - 17mm
  - 15L/min - 53mm
  - 30L/min - 103mm
  - R-Value \_\_\_\_\_
  - Post Calibration Verification (L/s) Program

- Maintenance Performed By \_\_\_\_\_
- Battery Replacement
  - Dry Gas Regulator Replacement
  - Breath Tube Replacement
  - Other \_\_\_\_\_

Suggested Service \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

RECEIVED  
 MAR 08 2017  
 FDLE  
 Alcohol Testing Program

#### Optical Bench Calibration Performed By \_\_\_\_\_

- Optical Bench Calibration N/A
- Optical Bench Calibration Complete

Barometric Pressure Gauge ID # \_\_\_\_\_

| Simulator | Serial Number | Lot Number | Expiration |
|-----------|---------------|------------|------------|
| 0.000     |               | N/A        | N/A        |
| 0.040     |               |            |            |
| 0.100     |               |            |            |
| 0.200     |               |            |            |
| 0.400     |               |            |            |
| 0.080 DGS | <u>N/A</u>    |            |            |

- Post Calibration Stability Checks

| Simulator | Serial Number | Lot Number | Expiration |
|-----------|---------------|------------|------------|
| 0.05      |               |            |            |
| 0.08      |               |            |            |
| 0.20      |               |            |            |
| 0.08 DGS  | <u>N/A</u>    |            |            |

Notes: **E-MAILED**  
QA/QC OK DEER QC 3/8/17  
 \_\_\_\_\_  
 \_\_\_\_\_

#### Department Inspection Performed By SP

- Barometric Pressure 1026 Gauge
- ID# 28199 1024 Instrument

Mouth Alcohol Solution Lot # 2016-A  
 Acetone Stock Solution Lot # 2016-B

| Simulator   | Serial Number |
|-------------|---------------|
| 0.00        | <u>G8147</u>  |
| Interferent | <u>G12100</u> |
| 0.05        | <u>SD1014</u> |
| 0.08        | <u>SD1015</u> |
| 0.20        | <u>SD1017</u> |

#### Attachments

- Form 41
- Pre-Stability Tests
- Flow Calibration
- Optical Bench Cal
- Post-Stability Tests
- Other \_\_\_\_\_

- Instrument Complies with Chapter 11D-8, FAC
- Instrument Does Not Comply with Chapter 11D-8, FAC
- Return to/Place into Evidentiary Use
- Remain Out of Evidentiary Use
- Conduct an Agency Inspection Before Evidentiary Use

Brett Kirkland

Quality Control Review

3/8/17  
Date

|              |               |                      |         |              |
|--------------|---------------|----------------------|---------|--------------|
| TYPE OF TEST | SERIAL NUMBER | AGENCY               | DATE    | PERFORMED BY |
| Stabilities  | 80-006029     | Palm Beach County SO | 3/16/17 | SP           |

ABK

| 0.05g/210L   | 0.08g/210L | 0.20g/210L | DGS 0.08g/210L |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
|--|------------|------------|----------------|-----------|-------|-------|--------------|-------|-------|-----------|-------|-------|--------------|-------|-------|-----------|-------|-------|--------------|-------|-------|-----------|-------|-------|--------------------|--|--|---------|--------|--|---------|--------|--|-----------------|--------|--|--|------|--------|------|-----------|-------|-------|--------------|-------|-------|-----------|-------|-------|--------------|-------|-------|-----------|-------|-------|--------------|-------|-------|-----------|-------|-------|--------------------|--|--|---------|--------|--|---------|--------|--|-----------------|--------|--|--|------|--------|------|-----------|-------|-------|--------------|-------|-------|-----------|-------|-------|--------------|-------|-------|-----------|-------|-------|--------------|-------|-------|-----------|-------|-------|--------------------|--|--|---------|--------|--|---------|--------|--|-----------------|--------|--|--|------|--------|------|-----------|-------|-------|--------------|-------|-------|-----------|-------|-------|--------------|-------|-------|-----------|-------|-------|--------------|-------|-------|-----------|-------|-------|--------------------|--|--|---------|--------|--|---------|--------|--|-----------------|--------|--|
| <p>PALM BEACH CO SO<br/>Intoxilyzer - Alcohol Analyzer<br/>Model 8000 SN 80-006029<br/>03/06/2017<br/>Software: 8100.27</p> <table border="1"> <tr><th>Test</th><th>g/210L</th><th>Time</th></tr> <tr><td>Air Blank</td><td>0.000</td><td>10:09</td></tr> <tr><td>Control Test</td><td>0.051</td><td>10:10</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>10:10</td></tr> <tr><td>Control Test</td><td>0.051</td><td>10:11</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>10:11</td></tr> <tr><td>Control Test</td><td>0.052</td><td>10:12</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>10:13</td></tr> <tr><td>Control Test Stats</td><td></td><td></td></tr> <tr><td>Average</td><td>0.0513</td><td></td></tr> <tr><td>Std Dev</td><td>0.0006</td><td></td></tr> <tr><td>Rel. Std Dev(%)</td><td>1.1247</td><td></td></tr> </table> <p>Operator's Signature _____</p> | Test       | g/210L     | Time           | Air Blank | 0.000 | 10:09 | Control Test | 0.051 | 10:10 | Air Blank | 0.000 | 10:10 | Control Test | 0.051 | 10:11 | Air Blank | 0.000 | 10:11 | Control Test | 0.052 | 10:12 | Air Blank | 0.000 | 10:13 | Control Test Stats |  |  | Average | 0.0513 |  | Std Dev | 0.0006 |  | Rel. Std Dev(%) | 1.1247 |  | <p>PALM BEACH CO SO<br/>Intoxilyzer - Alcohol Analyzer<br/>Model 8000 SN 80-006029<br/>03/06/2017<br/>Software: 8100.27</p> <table border="1"> <tr><th>Test</th><th>g/210L</th><th>Time</th></tr> <tr><td>Air Blank</td><td>0.000</td><td>10:00</td></tr> <tr><td>Control Test</td><td>0.081</td><td>10:01</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>10:01</td></tr> <tr><td>Control Test</td><td>0.082</td><td>10:02</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>10:03</td></tr> <tr><td>Control Test</td><td>0.082</td><td>10:03</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>10:04</td></tr> <tr><td>Control Test Stats</td><td></td><td></td></tr> <tr><td>Average</td><td>0.0817</td><td></td></tr> <tr><td>Std Dev</td><td>0.0006</td><td></td></tr> <tr><td>Rel. Std Dev(%)</td><td>0.7070</td><td></td></tr> </table> <p>Operator's Signature _____</p> | Test | g/210L | Time | Air Blank | 0.000 | 10:00 | Control Test | 0.081 | 10:01 | Air Blank | 0.000 | 10:01 | Control Test | 0.082 | 10:02 | Air Blank | 0.000 | 10:03 | Control Test | 0.082 | 10:03 | Air Blank | 0.000 | 10:04 | Control Test Stats |  |  | Average | 0.0817 |  | Std Dev | 0.0006 |  | Rel. Std Dev(%) | 0.7070 |  | <p>PALM BEACH CO SO<br/>Intoxilyzer - Alcohol Analyzer<br/>Model 8000 SN 80-006029<br/>03/06/2017<br/>Software: 8100.27</p> <table border="1"> <tr><th>Test</th><th>g/210L</th><th>Time</th></tr> <tr><td>Air Blank</td><td>0.000</td><td>09:55</td></tr> <tr><td>Control Test</td><td>0.203</td><td>09:56</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>09:57</td></tr> <tr><td>Control Test</td><td>0.204</td><td>09:57</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>09:58</td></tr> <tr><td>Control Test</td><td>0.204</td><td>09:58</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>09:59</td></tr> <tr><td>Control Test Stats</td><td></td><td></td></tr> <tr><td>Average</td><td>0.2037</td><td></td></tr> <tr><td>Std Dev</td><td>0.0006</td><td></td></tr> <tr><td>Rel. Std Dev(%)</td><td>0.2835</td><td></td></tr> </table> <p>Operator's Signature _____</p> | Test | g/210L | Time | Air Blank | 0.000 | 09:55 | Control Test | 0.203 | 09:56 | Air Blank | 0.000 | 09:57 | Control Test | 0.204 | 09:57 | Air Blank | 0.000 | 09:58 | Control Test | 0.204 | 09:58 | Air Blank | 0.000 | 09:59 | Control Test Stats |  |  | Average | 0.2037 |  | Std Dev | 0.0006 |  | Rel. Std Dev(%) | 0.2835 |  | <p>PALM BEACH CO SO<br/>Intoxilyzer - Alcohol Analyzer<br/>Model 8000 SN 80-006029<br/>03/06/2017<br/>Software: 8100.27</p> <table border="1"> <tr><th>Test</th><th>g/210L</th><th>Time</th></tr> <tr><td>Air Blank</td><td>0.000</td><td>10:06</td></tr> <tr><td>Control Test</td><td>0.082</td><td>10:06</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>10:07</td></tr> <tr><td>Control Test</td><td>0.082</td><td>10:07</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>10:07</td></tr> <tr><td>Control Test</td><td>0.082</td><td>10:08</td></tr> <tr><td>Air Blank</td><td>0.000</td><td>10:08</td></tr> <tr><td>Control Test Stats</td><td></td><td></td></tr> <tr><td>Average</td><td>0.0820</td><td></td></tr> <tr><td>Std Dev</td><td>0.0000</td><td></td></tr> <tr><td>Rel. Std Dev(%)</td><td>0.0000</td><td></td></tr> </table> <p>Operator's Signature _____</p> | Test | g/210L | Time | Air Blank | 0.000 | 10:06 | Control Test | 0.082 | 10:06 | Air Blank | 0.000 | 10:07 | Control Test | 0.082 | 10:07 | Air Blank | 0.000 | 10:07 | Control Test | 0.082 | 10:08 | Air Blank | 0.000 | 10:08 | Control Test Stats |  |  | Average | 0.0820 |  | Std Dev | 0.0000 |  | Rel. Std Dev(%) | 0.0000 |  |
| Test   | g/210L     | Time       |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Air Blank  | 0.000      | 10:09      |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Control Test   | 0.051      | 10:10      |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Air Blank  | 0.000      | 10:10      |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Control Test   | 0.051      | 10:11      |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Air Blank  | 0.000      | 10:11      |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Control Test   | 0.052      | 10:12      |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Air Blank  | 0.000      | 10:13      |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Control Test Stats   |            |            |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Average  | 0.0513     |            |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Std Dev  | 0.0006     |            |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Rel. Std Dev(%)  | 1.1247     |            |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Test   | g/210L     | Time       |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Air Blank  | 0.000      | 10:00      |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Control Test   | 0.081      | 10:01      |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Air Blank  | 0.000      | 10:01      |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Control Test   | 0.082      | 10:02      |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Air Blank  | 0.000      | 10:03      |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Control Test   | 0.082      | 10:03      |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Air Blank  | 0.000      | 10:04      |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Control Test Stats   |            |            |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Average  | 0.0817     |            |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Std Dev  | 0.0006     |            |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Rel. Std Dev(%)  | 0.7070     |            |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Test   | g/210L     | Time       |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Air Blank  | 0.000      | 09:55      |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Control Test   | 0.203      | 09:56      |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Air Blank  | 0.000      | 09:57      |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Control Test   | 0.204      | 09:57      |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Air Blank  | 0.000      | 09:58      |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Control Test   | 0.204      | 09:58      |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Air Blank  | 0.000      | 09:59      |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Control Test Stats   |            |            |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Average  | 0.2037     |            |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Std Dev  | 0.0006     |            |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Rel. Std Dev(%)  | 0.2835     |            |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Test   | g/210L     | Time       |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Air Blank  | 0.000      | 10:06      |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Control Test   | 0.082      | 10:06      |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Air Blank  | 0.000      | 10:07      |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Control Test   | 0.082      | 10:07      |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Air Blank  | 0.000      | 10:07      |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Control Test   | 0.082      | 10:08      |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Air Blank  | 0.000      | 10:08      |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Control Test Stats   |            |            |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Average  | 0.0820     |            |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Std Dev  | 0.0000     |            |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |
| Rel. Std Dev(%)  | 0.0000     |            |                |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |  |      |        |      |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |              |       |       |           |       |       |                    |  |  |         |        |  |         |        |  |                 |        |  |