

| 2019 | Solution | Test Results |   |   | Temperature |   |   | Operator |
|------|----------|--------------|---|---|-------------|---|---|----------|
|      | Lot #    | 1            | 2 | 3 | 1           | 2 | 3 |          |

**January**

|           |       |             |      |      |      |      |      |           |
|-----------|-------|-------------|------|------|------|------|------|-----------|
| 1/1/2019  | 18310 | 0.10        | 0.10 | 0.10 | 34.0 | 34.0 | 34.0 | Silverman |
| 1/4/2019  | 18310 | Blank Error |      |      |      |      |      |           |
| 1/4/2019  | 18310 | 0.10        | 0.10 | 0.10 | 34.0 | 34.0 | 34.0 | Silverman |
| 1/11/2019 | 18310 | 0.10        | 0.10 | 0.10 | 34.0 | 34.0 | 34.0 | Silverman |
| 1/14/2019 | 18310 | 0.09        | 0.09 | 0.09 | 34.0 | 34.0 | 34.0 | Silverman |
| 1/18/2019 | 18310 | 0.09        | 0.09 | 0.09 | 34.0 | 34.0 | 34.0 | Silverman |
| 1/24/2019 | 18310 | 0.09        | 0.09 | 0.09 | 34.0 | 34.0 | 34.0 | Silverman |

**February**

|           |       |      |      |      |      |      |      |           |
|-----------|-------|------|------|------|------|------|------|-----------|
| 2/1/2019  | 18360 | 0.10 | 0.09 | 0.10 | 34.0 | 34.0 | 34.0 | Silverman |
| 2/8/2019  | 18360 | 0.09 | 0.09 | 0.09 | 34.0 | 34.0 | 34.0 | Silverman |
| 2/15/2019 | 18360 | 0.10 | 0.09 | 0.09 | 34.0 | 34.0 | 34.0 | Silverman |
| 2/22/2019 | 18362 | 0.10 | 0.09 | 0.10 | 34.0 | 34.0 | 34.0 | Silverman |

**March**

|           |       |      |      |      |      |      |      |           |
|-----------|-------|------|------|------|------|------|------|-----------|
| 3/1/2019  | 18360 | 0.09 | 0.09 | 0.10 | 34.0 | 34.0 | 34.0 | Silverman |
| 3/8/2019  | 18360 | 0.09 | 0.09 | 0.10 | 34.0 | 34.0 | 34.0 | Silverman |
| 3/15/2019 | 18360 | 0.09 | 0.10 | 0.10 | 34.0 | 34.0 | 34.0 | Silverman |
| 3/25/2019 | 18360 | 0.09 | 0.09 | 0.09 | 34.0 | 34.0 | 34.0 | Silverman |
| 3/29/2019 | 18360 | 0.09 | 0.09 | 0.09 | 34.0 | 34.0 | 34.0 | Silverman |

**April**

|           |       |      |      |      |      |      |      |           |
|-----------|-------|------|------|------|------|------|------|-----------|
| 4/1/2019  | 19030 | 0.09 | 0.10 | 0.09 | 34.0 | 34.0 | 34.0 | Silverman |
| 4/5/2019  | 19030 | 0.09 | 0.10 | 0.10 | 34.0 | 34.0 | 34.0 | Silverman |
| 4/12/2019 | 19030 | 0.10 | 0.09 | 0.10 | 34.0 | 34.0 | 34.0 | Silverman |
| 4/20/2019 | 19030 | 0.10 | 0.10 | 0.10 | 34.0 | 34.0 | 34.0 | Silverman |
| 4/25/2019 | 19030 | 0.09 | 0.09 | 0.09 | 34.0 | 34.0 | 34.0 | Silverman |

**May**

|           |       |      |      |      |      |      |      |           |
|-----------|-------|------|------|------|------|------|------|-----------|
| 5/1/2019  | 19030 | 0.10 | 0.10 | 0.10 | 34.0 | 34.0 | 34.0 | Silverman |
| 5/3/2019  | 19030 | 0.10 | 0.10 | 0.10 | 34.0 | 34.0 | 34.0 | Silverman |
| 5/10/2019 | 19030 | 0.10 | 0.10 | 0.10 | 34.0 | 34.0 | 34.0 | Silverman |
| 5/17/2019 | 19030 | 0.09 | 0.10 | 0.10 | 34.0 | 34.0 | 34.0 | Silverman |
| 5/24/2019 | 19030 | 0.09 | 0.09 | 0.09 | 34.0 | 34.0 | 34.0 | Silverman |
| 5/31/2019 | 19030 | 0.10 | 0.09 | 0.09 | 34.0 | 34.0 | 34.0 | Silverman |

**June**

|          |       |      |      |      |      |      |      |           |
|----------|-------|------|------|------|------|------|------|-----------|
| 6/2/2019 | 19090 | 0.10 | 0.10 | 0.10 | 34.0 | 34.0 | 34.0 | Silverman |
|----------|-------|------|------|------|------|------|------|-----------|

|           |       |      |      |      |      |      |      |           |
|-----------|-------|------|------|------|------|------|------|-----------|
| 6/7/2019  | 19090 | 0.09 | 0.09 | 0.10 | 34.0 | 34.0 | 34.0 | Silverman |
| 6/14/2019 | 19090 | 0.09 | 0.10 | 0.10 | 34.0 | 34.0 | 34.0 | Silverman |
| 6/22/2019 | 19090 | 0.09 | 0.09 | 0.09 | 34.0 | 34.0 | 34.0 | Silverman |
| 6/28/2019 | 19090 | 0.09 | 0.09 | 0.09 | 34.0 | 34.0 | 34.0 | Silverman |

**July**

|           |       |      |      |      |      |      |      |           |
|-----------|-------|------|------|------|------|------|------|-----------|
| 7/1/2019  | 19090 | 0.10 | 0.10 | 0.10 | 34.0 | 34.0 | 34.0 | Silverman |
| 7/5/2019  | 19090 | 0.10 | 0.10 | 0.10 | 34.0 | 34.0 | 34.0 | Silverman |
| 7/12/2019 | 19090 | 0.09 | 0.09 | 0.10 | 34.0 | 34.0 | 34.0 | Silverman |
| 7/19/2019 | 19090 | 0.09 | 0.09 | 0.10 | 34.0 | 34.0 | 34.0 | Silverman |
| 7/27/2019 | 19090 | 0.09 | 0.09 | 0.09 | 34.0 | 34.0 | 34.0 | Silverman |

**August**

|           |       |      |      |      |      |      |      |           |
|-----------|-------|------|------|------|------|------|------|-----------|
| 8/1/2019  | 19130 | 0.10 | 0.10 | 0.10 | 34.0 | 34.0 | 34.0 | Silverman |
| 8/2/2019  | 19130 | 0.09 | 0.10 | 0.10 | 34.0 | 34.0 | 34.0 | Silverman |
| 8/9/2019  | 19130 | 0.09 | 0.09 | 0.09 | 34.0 | 34.0 | 34.0 | Silverman |
| 8/16/2019 | 19130 | 0.09 | 0.09 | 0.09 | 34.0 | 34.0 | 34.0 | Silverman |
| 8/23/2019 | 19130 | 0.09 | 0.09 | 0.09 | 34.0 | 34.0 | 34.0 | Silverman |
| 8/30/2019 | 19130 | 0.09 | 0.09 | 0.09 | 34.0 | 34.0 | 34.0 | Silverman |

**September**

|           |       |      |      |      |      |      |      |           |
|-----------|-------|------|------|------|------|------|------|-----------|
| 9/1/2019  | 19130 | 0.09 | 0.10 | 0.09 | 34.0 | 34.0 | 34.0 | Silverman |
| 9/6/2019  | 19130 | 0.09 | 0.09 | 0.09 | 34.0 | 34.0 | 34.0 | Silverman |
| 9/13/2019 | 19130 | 0.09 | 0.09 | 0.09 | 34.0 | 34.0 | 34.0 | Silverman |
| 9/20/2019 | 19130 | 0.09 | 0.09 | 0.09 | 34.0 | 34.0 | 34.0 | Silverman |
| 9/27/2019 | 19130 | 0.09 | 0.09 | 0.09 | 34.0 | 34.0 | 34.0 | Silverman |

**October**

|            |       |      |      |      |      |      |      |           |
|------------|-------|------|------|------|------|------|------|-----------|
| 10/1/2019  | 19180 | 0.10 | 0.10 | 0.10 | 34.0 | 34.0 | 34.0 | Silverman |
| 10/4/2019  | 19180 | 0.10 | 0.09 | 0.10 | 34.0 | 34.0 | 34.0 | Silverman |
| 10/11/2019 | 19180 | 0.09 | 0.10 | 0.10 | 34.0 | 34.0 | 34.0 | Silverman |
| 10/19/2019 | 19180 | 0.09 | 0.09 | 0.09 | 34.0 | 34.0 | 34.0 | Silverman |
| 10/25/2019 | 19180 | 0.09 | 0.09 | 0.09 | 34.0 | 34.0 | 34.0 | Silverman |

**November**

|            |       |      |      |      |      |      |      |           |
|------------|-------|------|------|------|------|------|------|-----------|
| 11/2/2019  | 19180 | 0.09 | 0.09 | 0.09 | 34.0 | 34.0 | 34.0 | Silverman |
| 11/8/2019  | 19180 | 0.09 | 0.09 | 0.09 | 34.0 | 34.0 | 34.0 | Silverman |
| 11/16/2019 | 19180 | 0.09 | 0.09 | 0.09 | 34.0 | 34.0 | 34.0 | Silverman |
| 11/22/2019 | 19180 | 0.09 | 0.09 | 0.09 | 34.0 | 34.0 | 34.0 | Silverman |
| 11/30/2019 | 19180 | 0.09 | 0.09 | 0.09 | 34.0 | 34.0 | 34.0 | Silverman |

**December**

|            |       |      |      |      |      |      |      |           |
|------------|-------|------|------|------|------|------|------|-----------|
| 12/2/2019  | 19250 | 0.09 | 0.10 | 0.10 | 34.0 | 34.0 | 34.0 | Silverman |
| 12/6/2019  | 19250 | 0.09 | 0.09 | 0.09 | 34.0 | 34.0 | 34.0 | Silverman |
| 12/13/2019 | 19250 | 0.09 | 0.10 | 0.09 | 34.0 | 34.0 | 34.0 | Silverman |
| 12/20/2019 | 19250 | 0.09 | 0.09 | 0.09 | 34.0 | 34.0 | 34.0 | Silverman |
| 12/28/2019 | 19250 | 0.09 | 0.09 | 0.09 | 34.0 | 34.0 | 34.0 | Silverman |

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| <b>Operation</b> |
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