

# PARTICULATE WEIGHING ROOM REPORT

|                                                        |                                                           |
|--------------------------------------------------------|-----------------------------------------------------------|
| Vehicle ID: <b>X5XXX8638 / 000M013</b>                 | Test ID: <b>X5XXX8638_US2XSP020819082701 / 1111535732</b> |
| Test Req.: <b>082012191009 – 6</b>                     | Location: <b>CHRYSLER TECH CENTER</b>                     |
| Test Type: <b>US06(2X) – using Split Bag US06</b>      | Facility: <b>Test Cell 8</b>                              |
| Start Time: <b>08/27/2019 10:52:29</b>                 | End Time: <b>08/27/2019 11:14:00</b>                      |
| Requestor: <b>REDACTED</b>                             | Operator: <b>REDACTED</b>                                 |
| Seq. Purpose: <b>MY15 DS Baseline with AEM applied</b> |                                                           |

## Filter Weights

| Phase | Filter Type | Stage | Prim. Wt. (mg) | Sec. Wt. (mg) | Total       |
|-------|-------------|-------|----------------|---------------|-------------|
|       | Reference   | Pre   | 183.344040     | 166.512604    |             |
|       |             | Post  | 183.343414     | 166.512955    |             |
|       |             | Diff. | -0.000626      | + 0.000351    | = -0.000275 |

### Test Segment: US06 Split Bag Cycle (3)

| Phase | Filter Type | Stage | Prim. Wt. (mg) | Sec. Wt. (mg) | Total      |
|-------|-------------|-------|----------------|---------------|------------|
| 1     | Sample      | Pre   | 170.512344     | 0.000000      |            |
|       |             | Post  | 170.519699     | 0.000000      |            |
|       |             | Diff. | 0.007355       | + 0.000000    | = 0.007355 |

## Results

### Test Segment: US06 Split Bag Cycle (3)

| Phase | CVS Mass (g) | TUN Mass (g) | Sample Ratio | Mass (mg) |
|-------|--------------|--------------|--------------|-----------|
| 1     | 250884.591   | 569.793      | 440.308      | 3.238     |

| Segment                  | Mass Per Dist. (mg/Mi) | Mass Per Dist. (mg/Km) |
|--------------------------|------------------------|------------------------|
| US06 Split Bag Cycle (3) | 0.404                  | 0.251                  |

## SPC Results

### Test Segment: US06 Split Bag Cycle (3)

| Phase | Filter Face Velocity (cm/sec) |
|-------|-------------------------------|
| 1     | 77.122                        |
| 2     | 76.693                        |

**Test Validation:** Valid: Invalid: Retest: Accept: NIC: system Date: 08/27/2019 11:35:43  
Validator's Comments:

### Conditioning

| Parameter                      | Pre Test |      |      | Post Test |      |      |
|--------------------------------|----------|------|------|-----------|------|------|
|                                | Min.     | Max. | Avg. | Min.      | Max. | Avg. |
| Weigh Room Temperature (degC ) | 21.9     | 22.1 | 22.0 | 22.0      | 22.0 | 22.0 |
| Weigh Room Pressure (kPa )     | 97.5     | 98.1 | 98.0 | 97.6      | 97.6 | 97.6 |
| Weigh Room Dew Point (degC )   | 9.2      | 9.7  | 9.5  | 9.2       | 9.6  | 9.5  |

### Main Events

| Event                              | Date & Time | Event                           | Date & Time |
|------------------------------------|-------------|---------------------------------|-------------|
| Pre-Tare Conditioning Started      | 08/26 15:05 | Pre-Tare Conditioning Ended     | 08/27 08:12 |
| Post-Test Conditioning Started     | 08/27 11:15 | Post-Test Conditioning Ended    | 08/27 13:24 |
| Tare Weighing Done By Operator     | 08/27 08:12 | Final Weighing Done By Operator | 08/27 13:24 |
| Filters Were Put in Sealed Housing | 08/27 08:12 | Reference Filter Was Changed    | 08/04 06:56 |