



## Analytical Summary Report

Analysis Method: ASTMD422

Reviewed By: jignesh

Parameter: Grain Size - Sieve

Supervisor Review By: apatel

Run Number: LB108099

BalanceID: M SC-3

Dry Start Date: 03/04/2020 17:00

Dry End Date: 03/05/2020 12:33

In Bal Check1: 1.00

Out Bal Check1: 1.00

In Bal Check100: 100.00

Out Bal Check100: 100.00

| Seq | Lab ID   | ClientID | Dish<br>Weight (g) | Dish +<br>Sample<br>Weight (g) | Wet Sample<br>Weight (g) | Wet Sample<br>Weight (g) | Dry Sample<br>Weight (g) | Anal Date  | Anal<br>Time |
|-----|----------|----------|--------------------|--------------------------------|--------------------------|--------------------------|--------------------------|------------|--------------|
| 1   | L1778-08 | DN2      | 120.16             | 433.66                         | 313.50                   | 408.24                   | 288.08                   | 03/05/2020 | 17:30        |
| 2   | L1778-12 | S4       | 122.69             | 514.65                         | 391.96                   | 485.73                   | 363.04                   | 03/05/2020 | 17:40        |
| 3   | L1778-20 | S11      | 235.44             | 570.09                         | 334.65                   | 545.09                   | 309.65                   | 03/05/2020 | 18:00        |
| 4   | L1778-26 | S8       | 235.12             | 588.67                         | 353.55                   | 572.04                   | 336.92                   | 03/05/2020 | 18:15        |

**Analytical Summary Report**

| LabID    | Sieve    | Size (mm) | Weight Retained (g) | Cumulative Weight (g) | ON (g) | Passed (g) | %Passing |
|----------|----------|-----------|---------------------|-----------------------|--------|------------|----------|
| L1778-08 | 3/8 (In) | 9.5       | 20.54               | 20.54                 | 288.08 | 267.54     | 92.87    |
| L1778-08 | #4       | 4.75      | 14.15               | 34.69                 | 267.54 | 253.39     | 94.71    |
| L1778-08 | #10      | 2         | 15.13               | 49.82                 | 253.39 | 238.26     | 94.03    |
| L1778-08 | #20      | 0.85      | 16.19               | 66.01                 | 238.26 | 222.07     | 93.20    |
| L1778-08 | #40      | 0.425     | 32.92               | 98.93                 | 222.07 | 189.15     | 85.18    |
| L1778-08 | #60      | 0.25      | 81.94               | 180.87                | 189.15 | 107.21     | 56.68    |
| L1778-08 | #100     | 0.15      | 80.44               | 261.31                | 107.21 | 26.77      | 24.97    |
| L1778-08 | #140     | 0.105     | 14.04               | 275.35                | 26.77  | 12.73      | 47.55    |
| L1778-08 | #200     | 0.075     | 4.09                | 279.44                | 12.73  | 8.64       | 67.87    |
| L1778-08 | Pan      |           | 8.3                 | 287.74                |        |            |          |

**Analytical Summary Report**

| LabID    | Sieve    | Size (mm) | Weight Retained (g) | Cumulative Weight (g) | ON (g) | Passed (g) | %Passing |
|----------|----------|-----------|---------------------|-----------------------|--------|------------|----------|
| L1778-12 | 3/8 (In) | 9.5       | 146.92              | 146.92                | 363.04 | 216.12     | 59.53    |
| L1778-12 | #4       | 4.75      | 42.32               | 189.24                | 216.12 | 173.80     | 80.42    |
| L1778-12 | #10      | 2         | 50.28               | 239.52                | 173.80 | 123.52     | 71.07    |
| L1778-12 | #20      | 0.85      | 37.42               | 276.94                | 123.52 | 86.10      | 69.71    |
| L1778-12 | #40      | 0.425     | 18.95               | 295.89                | 86.10  | 67.15      | 77.99    |
| L1778-12 | #60      | 0.25      | 15.86               | 311.75                | 67.15  | 51.29      | 76.38    |
| L1778-12 | #100     | 0.15      | 15.49               | 327.24                | 51.29  | 35.80      | 69.80    |
| L1778-12 | #140     | 0.105     | 6.19                | 333.43                | 35.80  | 29.61      | 82.71    |
| L1778-12 | #200     | 0.075     | 6.36                | 339.79                | 29.61  | 23.25      | 78.52    |
| L1778-12 | Pan      |           | 22.66               | 362.45                |        |            |          |

**Analytical Summary Report**

| LabID    | Sieve    | Size (mm) | Weight Retained (g) | Cumulative Weight (g) | ON (g) | Passed (g) | %Passing |
|----------|----------|-----------|---------------------|-----------------------|--------|------------|----------|
| L1778-20 | 3/8 (In) | 9.5       | 32.26               | 32.26                 | 309.65 | 277.39     | 89.58    |
| L1778-20 | #4       | 4.75      | 20.69               | 52.95                 | 277.39 | 256.70     | 92.54    |
| L1778-20 | #10      | 2         | 23.38               | 76.33                 | 256.70 | 233.32     | 90.89    |
| L1778-20 | #20      | 0.85      | 27.22               | 103.55                | 233.32 | 206.10     | 88.33    |
| L1778-20 | #40      | 0.425     | 49.1                | 152.65                | 206.10 | 157.00     | 76.18    |
| L1778-20 | #60      | 0.25      | 65.94               | 218.59                | 157.00 | 91.06      | 58.00    |
| L1778-20 | #100     | 0.15      | 54.32               | 272.91                | 91.06  | 36.74      | 40.35    |
| L1778-20 | #140     | 0.105     | 13.5                | 286.41                | 36.74  | 23.24      | 63.26    |
| L1778-20 | #200     | 0.075     | 7.3                 | 293.71                | 23.24  | 15.94      | 68.59    |
| L1778-20 | Pan      |           | 14.76               | 308.47                |        |            |          |

**Analytical Summary Report**

| LabID    | Sieve    | Size (mm) | Weight Retained (g) | Cumulative Weight (g) | ON (g) | Passed (g) | %Passing |
|----------|----------|-----------|---------------------|-----------------------|--------|------------|----------|
| L1778-26 | 3/8 (In) | 9.5       | 109.42              | 109.42                | 336.92 | 227.50     | 67.52    |
| L1778-26 | #4       | 4.75      | 91.32               | 200.74                | 227.50 | 136.18     | 59.86    |
| L1778-26 | #10      | 2         | 55.89               | 256.63                | 136.18 | 80.29      | 58.96    |
| L1778-26 | #20      | 0.85      | 34.52               | 291.15                | 80.29  | 45.77      | 57.01    |
| L1778-26 | #40      | 0.425     | 20.34               | 311.49                | 45.77  | 25.43      | 55.56    |
| L1778-26 | #60      | 0.25      | 11.05               | 322.54                | 25.43  | 14.38      | 56.55    |
| L1778-26 | #100     | 0.15      | 5.76                | 328.30                | 14.38  | 8.62       | 59.94    |
| L1778-26 | #140     | 0.105     | 1.94                | 330.24                | 8.62   | 6.68       | 77.49    |
| L1778-26 | #200     | 0.075     | 1.99                | 332.23                | 6.68   | 4.69       | 70.21    |
| L1778-26 | Pan      |           | 4.42                | 336.65                |        |            |          |

108099

# WORKLIST(Hardcopy Internal Chain)

WorkList Name : G R L1798      WorkList ID : 136707      Department : Wet-Chemistry      Date : 03-04-2020 16:48:49

| Due Date   | Matrix | Sample             | Test               | Preservative | Customer | Storage Location | Customer Sample | Collect Date | Method   |
|------------|--------|--------------------|--------------------|--------------|----------|------------------|-----------------|--------------|----------|
| 03/17/2020 | Solid  | L1778-08- <u>1</u> | Grain Size - Sieve | Cool 4 deg C | TRAC01   | O52              | DN2             | 03/04/2020   | ASTMD422 |
| 03/17/2020 | Solid  | L1778-12- <u>1</u> | Grain Size - Sieve | Cool 4 deg C | TRAC01   | O52              | S4              | 03/04/2020   | ASTMD422 |
| 03/17/2020 | Solid  | L1778-20- <u>1</u> | Grain Size - Sieve | Cool 4 deg C | TRAC01   | O52              | S11             | 03/04/2020   | ASTMD422 |
| 03/17/2020 | Solid  | L1778-26- <u>1</u> | Grain Size - Sieve | Cool 4 deg C | TRAC01   | O52              | S8              | 03/04/2020   | ASTMD422 |

Date/Time 03-04-2020 16:50  
 Received by: JP  
 Relinquished by: JP

Date/Time 03-05-2020 18:20  
 Received by: JP  
 Relinquished by: JP