

## Analytical Summary Report

**Analysis Method:** 9045D

**Analyst By :** JIGNESH

**Parameter:** Corrosivity

**Supervisor Review By :** RITESHKUMAR

**Run Number:** LB119123

**Slope :** 99.2

**BalanceID:** WC SC-4

**pH Meter ID :** WC PH METER-1

| Calibration Standards          | Chemtech Log# |
|--------------------------------|---------------|
| PH 4 BUFFER SOLUTION           | W2886         |
| buffer solution pH 7 yellow    | W2813         |
| PH 10.01 BUFFER,COLOR CD 475ML | W2809         |
| buffer solution pH 7 yellow    | W2887         |
| Buffer Solution, PH2 (500ml)   | W2806         |
| Buffer Solution, PH12 (500ml)  | W2807         |

True Value of ICV = 7.00 Control Limits[+/- 0.1].

True Value of CCV1 = 2.00 Control Limits[+/- 0.1].

True Value of CCV2 = 12.00 Control Limits[+/- 0.1].

True Value of CCV3 = 2.00 Control Limits[+/- 0.1].

True Value of CCV4 = 12.00 Control Limits[+/- 0.1].

| Seq | LabID       | DF | Matrix | Weight (gm) | Volume (ml) | Temperature (°C) | Result (pH) | Anal Date  | Anal Time |
|-----|-------------|----|--------|-------------|-------------|------------------|-------------|------------|-----------|
| 1   | CAL1        | 1  | Water  | NA          | NA          | 20.3             | 4.01        | 03/12/2022 | 09:30     |
| 2   | CAL2        | 1  | Water  | NA          | NA          | 20.3             | 7.00        | 03/12/2022 | 09:31     |
| 3   | CAL3        | 1  | Water  | NA          | NA          | 20.4             | 10.03       | 03/12/2022 | 09:33     |
| 4   | ICV         | 1  | Water  | NA          | NA          | 20.4             | 6.99        | 03/12/2022 | 09:35     |
| 5   | CCV1        | 1  | Water  | NA          | NA          | 20.5             | 2.01        | 03/12/2022 | 09:36     |
| 6   | N1894-06    | 1  | Solid  | 20.03       | 20          | 20.6             | 8.36        | 03/12/2022 | 09:39     |
| 7   | N1894-07    | 1  | Solid  | 20.02       | 20          | 20.3             | 8.18        | 03/12/2022 | 09:40     |
| 8   | N1894-08    | 1  | Solid  | 20.04       | 20          | 20.2             | 8.41        | 03/12/2022 | 09:42     |
| 9   | N1894-09    | 1  | Solid  | 20.04       | 20          | 20.4             | 8.12        | 03/12/2022 | 09:45     |
| 10  | N1894-10    | 1  | Solid  | 20.02       | 20          | 20.2             | 8.15        | 03/12/2022 | 09:47     |
| 11  | N1905-12    | 1  | Solid  | 20.03       | 20          | 20.3             | 10.07       | 03/12/2022 | 09:50     |
| 12  | N1905-12DUP | 1  | Solid  | 20.04       | 20          | 20.4             | 10.08       | 03/12/2022 | 09:51     |
| 13  | N1905-14    | 1  | Solid  | 20.02       | 20          | 20.3             | 10.41       | 03/12/2022 | 09:55     |
| 14  | N1905-16    | 1  | Solid  | 20.03       | 20          | 20.3             | 9.15        | 03/12/2022 | 10:00     |
| 15  | N1905-18    | 1  | Solid  | 20.04       | 20          | 20.2             | 8.08        | 03/12/2022 | 10:03     |
| 16  | CCV2        | 1  | Water  | NA          | NA          | 20.4             | 12.03       | 03/12/2022 | 10:05     |
| 17  | N1905-20    | 1  | Solid  | 20.02       | 20          | 20.2             | 8.15        | 03/12/2022 | 10:09     |
| 18  | N1908-02    | 1  | Solid  | 20.03       | 20          | 20.3             | 8.12        | 03/12/2022 | 10:10     |
| 19  | N1908-04    | 1  | Solid  | 20.02       | 20          | 20.1             | 8.12        | 03/12/2022 | 10:15     |
| 20  | N1908-06    | 1  | Solid  | 20.03       | 20          | 20.6             | 8.00        | 03/12/2022 | 10:26     |

| Seq | LabID       | DF | Matrix | Weight (gm) | Volume (ml) | Temperature (°C) | Result (pH) | Anal Date  | Anal Time |
|-----|-------------|----|--------|-------------|-------------|------------------|-------------|------------|-----------|
| 21  | N1908-08    | 1  | Solid  | 20.04       | 20          | 20.2             | 7.15        | 03/12/2022 | 10:30     |
| 22  | N1908-10    | 1  | Solid  | 20.03       | 20          | 20.1             | 7.05        | 03/12/2022 | 10:32     |
| 23  | N1918-02    | 1  | Solid  | 20.04       | 20          | 20.4             | 12.39       | 03/12/2022 | 10:35     |
| 24  | N1918-05    | 1  | Solid  | 20.03       | 20          | 20.4             | 12.42       | 03/12/2022 | 10:36     |
| 25  | N1918-08    | 1  | Solid  | 20.04       | 20          | 20.4             | 10.32       | 03/12/2022 | 10:40     |
| 26  | N1918-11    | 1  | Solid  | 20.03       | 20          | 20.2             | 10.40       | 03/12/2022 | 10:42     |
| 27  | CCV3        | 1  | Water  | NA          | NA          | 20.3             | 2.01        | 03/12/2022 | 10:45     |
| 28  | N1918-14    | 1  | Solid  | 20.02       | 20          | 20.3             | 10.36       | 03/12/2022 | 10:46     |
| 29  | N1918-14DUP | 1  | Solid  | 20.03       | 20          | 20.4             | 10.37       | 03/12/2022 | 10:47     |
| 30  | CCV4        | 1  | Water  | NA          | NA          | 20.4             | 12.03       | 03/12/2022 | 10:50     |

VB 119123

# WORKLIST(Hardcopy Internal Chain)

WorkList Name : CORROSIONITY N1905      WorkList ID : 157643      Department : Wet-Chemistry      Date : 03-12-2022 09:10:17

| Due Date   | Matrix | Sample   | Test        | Raw Sample   |          |                  | Customer Sample         | Collect Date | Method |
|------------|--------|----------|-------------|--------------|----------|------------------|-------------------------|--------------|--------|
|            |        |          |             | Preservative | Customer | Storage Location |                         |              |        |
| 03/10/2022 | Solid  | N1894-06 | Corrosivity | Cool 4 deg C | HKEN01   | P11              | TP1(0-10)               | 03/10/2022   | 9045D  |
| 03/10/2022 | Solid  | N1894-07 | Corrosivity | Cool 4 deg C | HKEN01   | P11              | TP2(0-5)                | 03/10/2022   | 9045D  |
| 03/10/2022 | Solid  | N1894-08 | Corrosivity | Cool 4 deg C | HKEN01   | P11              | TP3(0-10)               | 03/10/2022   | 9045D  |
| 03/10/2022 | Solid  | N1894-09 | Corrosivity | Cool 4 deg C | HKEN01   | P11              | TP4(0-7)                | 03/10/2022   | 9045D  |
| 03/10/2022 | Solid  | N1894-10 | Corrosivity | Cool 4 deg C | HKEN01   | P11              | TP5(0-5)                | 03/10/2022   | 9045D  |
| 03/10/2022 | Solid  | N1905-12 | Corrosivity | Cool 4 deg C | ROUX02   | N23              | WC-14A-1C               | 03/10/2022   | 9045D  |
| 03/10/2022 | Solid  | N1905-14 | Corrosivity | Cool 4 deg C | ROUX02   | N23              | WC-14A-1A-3             | 03/10/2022   | 9045D  |
| 03/10/2022 | Solid  | N1905-16 | Corrosivity | Cool 4 deg C | ROUX02   | N23              | WC-14A-1A-1             | 03/10/2022   | 9045D  |
| 03/10/2022 | Solid  | N1905-18 | Corrosivity | Cool 4 deg C | ROUX02   | N23              | WC-14A-1A-4             | 03/10/2022   | 9045D  |
| 03/10/2022 | Solid  | N1905-20 | Corrosivity | Cool 4 deg C | ROUX02   | N23              | WC-14A-1A-2             | 03/10/2022   | 9045D  |
| 03/10/2022 | Solid  | N1908-02 | Corrosivity | Cool 4 deg C | ROUX02   | N42              | WC-8-9-3                | 03/10/2022   | 9045D  |
| 03/10/2022 | Solid  | N1908-04 | Corrosivity | Cool 4 deg C | ROUX02   | N42              | WC-8-9-2                | 03/10/2022   | 9045D  |
| 03/10/2022 | Solid  | N1908-06 | Corrosivity | Cool 4 deg C | ROUX02   | N42              | WC-8-9-1                | 03/10/2022   | 9045D  |
| 03/10/2022 | Solid  | N1908-08 | Corrosivity | Cool 4 deg C | ROUX02   | N42              | WC-14A-2                | 03/10/2022   | 9045D  |
| 03/10/2022 | Solid  | N1908-10 | Corrosivity | Cool 4 deg C | ROUX02   |                  | WC-14A-1b               | 03/10/2022   | 9045D  |
| 03/11/2022 | Solid  | N1918-02 | Corrosivity | Cool 4 deg C | TULL02   | P11              | AVENUE-X-GROUT-SAMPLE-A | 03/11/2022   | 9045D  |
| 03/11/2022 | Solid  | N1918-05 | Corrosivity | Cool 4 deg C | TULL02   | P11              | AVENUE-X-GROUT-SAMPLE-B | 03/11/2022   | 9045D  |
| 03/11/2022 | Solid  | N1918-08 | Corrosivity | Cool 4 deg C | TULL02   | P11              | JDSH-TB-STOCKPILE-A     | 03/11/2022   | 9045D  |
| 03/11/2022 | Solid  | N1918-11 | Corrosivity | Cool 4 deg C | TULL02   | P11              | JDSH-TB-STOCKPILE-B     | 03/11/2022   | 9045D  |
| 03/11/2022 | Solid  | N1918-14 | Corrosivity | Cool 4 deg C | TULL02   | P11              | JDSH-TB-STOCKPILE-C     | 03/11/2022   | 9045D  |

Date/Time 03.12.22 09120
Raw Sample Received by: 70 (201)
Raw Sample Relinquished by:

Date/Time 03.12.22 12.00
Raw Sample Received by: 70 (201)
Raw Sample Relinquished by: 70 (201)