



## Analytical Summary Report

Analysis Method: 9045D

Analyst By : jignesh

Parameter: Corrosivity

Supervisor Review By : apatel

Run Number: LB117795

Slope : 98.7

BalanceID: WC SC-4

pH Meter ID : WC PH METER-1

| Calibration Standards          | Chemtech Log# |
|--------------------------------|---------------|
| PH 4 BUFFER SOLUTION           | W2810         |
| buffer solution pH 7 yellow    | W2813         |
| PH 10.01 BUFFER,COLOR CD 475ML | W2809         |
| buffer solution pH 7 yellow    | W2719         |
| 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].

| 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        | 12/14/2021 | 17:00     |
| 2   | CAL2        | 1  | Water  | NA          | NA          | 20.3             | 7.00        | 12/14/2021 | 17:01     |
| 3   | CAL3        | 1  | Water  | NA          | NA          | 20.3             | 10.03       | 12/14/2021 | 17:02     |
| 4   | ICV         | 1  | Water  | NA          | NA          | 20.4             | 7.01        | 12/14/2021 | 17:05     |
| 5   | CCV1        | 1  | Water  | NA          | NA          | 20.4             | 2.01        | 12/14/2021 | 17:06     |
| 6   | M5074-01    | 1  | Solid  | 20.03       | 20          | 20.5             | 8.53        | 12/14/2021 | 17:10     |
| 7   | M5074-01DUP | 1  | Solid  | 20.04       | 20          | 20.6             | 8.54        | 12/14/2021 | 17:11     |
| 8   | M5074-03    | 1  | Solid  | 20.02       | 20          | 20.5             | 8.33        | 12/14/2021 | 17:12     |
| 9   | M5074-05    | 1  | Solid  | 20.03       | 20          | 20.5             | 8.89        | 12/14/2021 | 17:15     |
| 10  | M5074-07    | 1  | Solid  | 20.04       | 20          | 20.2             | 7.22        | 12/14/2021 | 17:16     |
| 11  | M5083-02    | 1  | Solid  | 20.02       | 20          | 20.3             | 9.28        | 12/14/2021 | 17:20     |
| 12  | M5083-05    | 1  | Solid  | 20.03       | 20          | 20.2             | 11.17       | 12/14/2021 | 17:22     |
| 13  | M5083-08    | 1  | Solid  | 20.04       | 20          | 20.1             | 10.36       | 12/14/2021 | 17:25     |
| 14  | M5083-11    | 1  | Solid  | 20.03       | 20          | 20.2             | 8.72        | 12/14/2021 | 17:30     |
| 15  | M5083-14    | 1  | Solid  | 20.04       | 20          | 20.3             | 7.87        | 12/14/2021 | 17:33     |
| 16  | CCV2        | 1  | Water  | NA          | NA          | 20.4             | 12.03       | 12/14/2021 | 17:35     |
| 17  | M5083-17    | 1  | Solid  | 20.02       | 20          | 20.6             | 7.60        | 12/14/2021 | 17:40     |
| 18  | M5089-02    | 1  | Solid  | 20.03       | 20          | 20.4             | 5.94        | 12/14/2021 | 17:42     |
| 19  | M5089-06    | 1  | Solid  | 20.04       | 20          | 20.6             | 6.87        | 12/14/2021 | 17:45     |
| 20  | M5089-10    | 1  | Solid  | 20.03       | 20          | 20.6             | 6.73        | 12/14/2021 | 17:48     |

| Seq | LabID    | DF | Matrix | Weight<br>(gm) | Volume<br>(ml) | Temperature<br>(°C) | Result<br>(pH) | Anal Date  | Anal Time |
|-----|----------|----|--------|----------------|----------------|---------------------|----------------|------------|-----------|
| 21  | M5089-14 | 1  | Solid  | 20.05          | 20             | 20.6                | 7.94           | 12/14/2021 | 17:50     |
| 22  | CCV3     | 1  | Water  | NA             | NA             | 20.3                | 2.01           | 12/14/2021 | 18:00     |

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# WORKLIST(Hardcopy Internal Chain)

WorkList Name : CORROSIONITY M5086      WorkList ID : 155180      Department : Wet-Chemistry      Date : 12-14-2021 16:35:32

| Due Date   | Matrix | Sample   | Test        | Preservative | Customer | Raw Sample Storage Location | Customer Sample | Collect Date | Method |
|------------|--------|----------|-------------|--------------|----------|-----------------------------|-----------------|--------------|--------|
| 12/13/2021 | Solid  | M5074-01 | Corrosivity | Cool 4 deg C | URSC05   | H11                         | CS-1            | 12/13/2021   | 9045D  |
| 12/13/2021 | Solid  | M5074-03 | Corrosivity | Cool 4 deg C | URSC05   | H11                         | CS-2            | 12/13/2021   | 9045D  |
| 12/13/2021 | Solid  | M5074-05 | Corrosivity | Cool 4 deg C | URSC05   | H11                         | CS-3            | 12/13/2021   | 9045D  |
| 12/13/2021 | Solid  | M5074-07 | Corrosivity | Cool 4 deg C | URSC05   | H11                         | CS-4            | 12/13/2021   | 9045D  |
| 12/14/2021 | Solid  | M5083-02 | Corrosivity | Cool 4 deg C | PSEG03   | H31                         | BB1             | 12/14/2021   | 9045D  |
| 12/14/2021 | Solid  | M5083-05 | Corrosivity | Cool 4 deg C | PSEG03   | H31                         | BB2             | 12/14/2021   | 9045D  |
| 12/14/2021 | Solid  | M5083-08 | Corrosivity | Cool 4 deg C | PSEG03   | H31                         | BB3             | 12/14/2021   | 9045D  |
| 12/14/2021 | Solid  | M5083-11 | Corrosivity | Cool 4 deg C | PSEG03   | H31                         | BB4             | 12/14/2021   | 9045D  |
| 12/14/2021 | Solid  | M5083-14 | Corrosivity | Cool 4 deg C | PSEG03   | H31                         | BB5             | 12/14/2021   | 9045D  |
| 12/14/2021 | Solid  | M5083-17 | Corrosivity | Cool 4 deg C | PSEG03   | H31                         | BB6             | 12/14/2021   | 9045D  |
| 12/14/2021 | Solid  | M5089-02 | Corrosivity | Cool 4 deg C | PSEG03   | H31                         | MS-1            | 12/14/2021   | 9045D  |
| 12/14/2021 | Solid  | M5089-06 | Corrosivity | Cool 4 deg C | PSEG03   | H31                         | MS-2            | 12/14/2021   | 9045D  |
| 12/14/2021 | Solid  | M5089-10 | Corrosivity | Cool 4 deg C | PSEG03   | H31                         | MS-3            | 12/14/2021   | 9045D  |
| 12/14/2021 | Solid  | M5089-14 | Corrosivity | Cool 4 deg C | PSEG03   | H31                         | MS-4            | 12/14/2021   | 9045D  |

Date/Time 12-14-21 16:25  
 Raw Sample Received by: JD (WC)  
 Raw Sample Relinquished by: KS (WC)

Date/Time 12-14-21 18:30  
 Raw Sample Received by: KS (WC)  
 Raw Sample Relinquished by: JD (WC)