



## Analytical Summary Report

Analysis Method: 9045D

Analyst By : Jignesh

Parameter: Corrosivity

Supervisor Review By : apatel

Run Number: LB101852

Slope : 98.4

BalanceID: WC SC-4

pH Meter ID : WC PH METER-1

| Calibration Standards          | Chemtech Log# |
|--------------------------------|---------------|
| PH 4 BUFFER SOLUTION           | W2445         |
| buffer solution pH 7 yellow    | W2358         |
| PH 10.01 BUFFER,COLOR CD 475ML | W2391         |
| buffer solution pH 7 yellow    | W2446         |
| pH 2.00 Buffer                 | W2289         |
| Buffer Solution, PH12 (500ml)  | W2467         |

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          | 20.1             | 4.01        | 04/03/2019 | 17:40     |
| 2   | CAL2        | 1  | Water  | NA          | NA          | 20.1             | 7.01        | 04/03/2019 | 17:41     |
| 3   | CAL3        | 1  | Water  | NA          | NA          | 20.1             | 10.02       | 04/03/2019 | 17:42     |
| 4   | ICV         | 1  | Water  | NA          | NA          | 20.1             | 7.00        | 04/03/2019 | 17:44     |
| 5   | CCV1        | 1  | Water  | NA          | NA          | 20.2             | 2.01        | 04/03/2019 | 17:45     |
| 6   | K2193-02    | 1  | Solid  | 20.02       | 20          | 21.2             | 9.38        | 04/03/2019 | 17:46     |
| 7   | K2193-02DUP | 1  | Solid  | 20.03       | 20          | 21.3             | 9.39        | 04/03/2019 | 17:48     |
| 8   | K2193-04    | 1  | Solid  | 20.02       | 20          | 20.4             | 9.58        | 04/03/2019 | 17:50     |
| 9   | K2193-06    | 1  | Solid  | 20.04       | 20          | 20.6             | 9.17        | 04/03/2019 | 17:52     |
| 10  | K2195-02    | 1  | Solid  | 20.02       | 20          | 21.4             | 7.35        | 04/03/2019 | 18:00     |
| 11  | K2240-11    | 1  | Solid  | 20.03       | 20          | 22.5             | 7.91        | 04/03/2019 | 18:02     |
| 12  | K2240-12    | 1  | Solid  | 20.03       | 20          | 22.0             | 6.29        | 04/03/2019 | 18:03     |
| 13  | K2240-13    | 1  | Solid  | 20.02       | 20          | 22.1             | 7.12        | 04/03/2019 | 18:05     |
| 14  | K2240-14    | 1  | Solid  | 20.03       | 20          | 21.8             | 7.39        | 04/03/2019 | 18:06     |
| 15  | K2240-15    | 1  | Solid  | 20.05       | 20          | 20.6             | 6.81        | 04/03/2019 | 18:09     |
| 16  | CCV2        | 1  | Water  | NA          | NA          | 20.2             | 12.01       | 04/03/2019 | 18:10     |
| 17  | K2240-16    | 1  | Solid  | 20.02       | 20          | 22.0             | 5.90        | 04/03/2019 | 18:11     |
| 18  | K2240-17    | 1  | Solid  | 20.03       | 20          | 21.8             | 6.55        | 04/03/2019 | 18:12     |
| 19  | K2240-18    | 1  | Solid  | 20.04       | 20          | 21.8             | 8.24        | 04/03/2019 | 18:14     |
| 20  | K2240-19    | 1  | Solid  | 20.03       | 20          | 21.1             | 8.44        | 04/03/2019 | 18:15     |

| Seq | LabID       | DF | Matrix | Weight (gm) | Volume (ml) | Temperature (°C) | Result (pH) | Anal Date  | Anal Time |
|-----|-------------|----|--------|-------------|-------------|------------------|-------------|------------|-----------|
| 21  | K2245-04    | 1  | Solid  | 20.01       | 20          | 21.6             | 7.01        | 04/03/2019 | 18:17     |
| 22  | K2245-08    | 1  | Solid  | 20.03       | 20          | 21.7             | 7.28        | 04/03/2019 | 18:19     |
| 23  | K2245-12    | 1  | Solid  | 20.04       | 20          | 21.9             | 6.05        | 04/03/2019 | 18:20     |
| 24  | K2245-16    | 1  | Solid  | 20.02       | 20          | 22.2             | 7.46        | 04/03/2019 | 18:21     |
| 25  | K2245-16DUP | 1  | Solid  | 20.03       | 20          | 22.3             | 7.47        | 04/03/2019 | 18:23     |
| 26  | K2258-03    | 1  | Solid  | 20.04       | 20          | 21.1             | 6.77        | 04/03/2019 | 18:25     |
| 27  | CCV3        | 1  | Water  | NA          | NA          | 21.1             | 2.01        | 04/03/2019 | 18:26     |

# WORKLIST(Hardcopy Internal Chain)

18101852

WorkList Name : CORROSIONITY K2193

WorkList ID : 124361

Date : 04-03-2019 15:47:16

| Due Date   | Matrix | Sample   | Test        | Preservative | Customer | Storage Location | Customer Sample | Collect Date | Method |
|------------|--------|----------|-------------|--------------|----------|------------------|-----------------|--------------|--------|
| 04/03/2019 | Solid  | K2193-02 | Corrosivity | Cool 4 deg C | PSEG05   | K31              | HR-06-040319-A  | 04/03/2019   | 9045D  |
| 04/03/2019 | Solid  | K2193-04 | Corrosivity | Cool 4 deg C | PSEG05   | K31              | HR-06-040319-B  | 04/03/2019   | 9045D  |
| 04/03/2019 | Solid  | K2193-06 | Corrosivity | Cool 4 deg C | PSEG05   | K31              | HR-06-040319-C  | 04/03/2019   | 9045D  |
| 04/02/2019 | Solid  | K2195-02 | Corrosivity | Cool 4 deg C | PSEG05   | K31              | NB-07-040319    | 04/03/2019   | 9045D  |
| 04/02/2019 | Solid  | K2240-11 | Corrosivity | Cool 4 deg C | LIRO01   | F51              | SB-01-(0-2)     | 04/02/2019   | 9045D  |
| 04/02/2019 | Solid  | K2240-12 | Corrosivity | Cool 4 deg C | LIRO01   | F51              | SB-01-(13.5-14) | 04/02/2019   | 9045D  |
| 04/02/2019 | Solid  | K2240-13 | Corrosivity | Cool 4 deg C | LIRO01   | F51              | SB-01-COMP      | 04/02/2019   | 9045D  |
| 04/02/2019 | Solid  | K2240-14 | Corrosivity | Cool 4 deg C | LIRO01   | F51              | SB-02-(0-2)     | 04/02/2019   | 9045D  |
| 04/02/2019 | Solid  | K2240-15 | Corrosivity | Cool 4 deg C | LIRO01   | F51              | SB-02-(13.5-14) | 04/02/2019   | 9045D  |
| 04/02/2019 | Solid  | K2240-16 | Corrosivity | Cool 4 deg C | LIRO01   | F51              | SB-02-COMP      | 04/02/2019   | 9045D  |
| 04/02/2019 | Solid  | K2240-17 | Corrosivity | Cool 4 deg C | LIRO01   | F51              | SB-03-(0-6)     | 04/02/2019   | 9045D  |
| 04/02/2019 | Solid  | K2240-18 | Corrosivity | Cool 4 deg C | LIRO01   | F51              | SB-03-COMP      | 04/02/2019   | 9045D  |
| 04/03/2019 | Solid  | K2245-04 | Corrosivity | Cool 4 deg C | PSEG01   | K31              | TP-1S           | 04/03/2019   | 9045D  |
| 04/03/2019 | Solid  | K2245-08 | Corrosivity | Cool 4 deg C | PSEG01   | K31              | TP-1D           | 04/03/2019   | 9045D  |
| 04/03/2019 | Solid  | K2245-12 | Corrosivity | Cool 4 deg C | PSEG01   | K31              | TP-3S           | 04/03/2019   | 9045D  |
| 04/03/2019 | Solid  | K2245-16 | Corrosivity | Cool 4 deg C | PSEG01   | K31              | TP-3D           | 04/03/2019   | 9045D  |
| 04/03/2019 | Solid  | K2258-03 | Corrosivity | Cool 4 deg C | PSEG01   | K31              | STONE           | 04/03/2019   | 9045D  |

Date/Time 04-03-19 16:00

Received by: [Signature]

Relinquished by: [Signature]

Date/Time 04-03-19 18:30

Received by: [Signature]

Relinquished by: [Signature]