



## Analytical Summary Report

Analysis Method: 9045C

Analyst By : Jignesh

Parameter: Corrosivity

Supervisor Review By : apatel

Run Number: LB93502

Temp.: 23.1 °C

BalanceID: WC SC-4

SLOPE.: 98.5

| Calibration Standards          | Chemtech Log# |
|--------------------------------|---------------|
| PH 4 BUFFER SOLUTION           | W2271         |
| buffer solution pH 7 yellow    | W2159         |
| PH 10.01 BUFFER,COLOR CD 475ML | W2220         |
| buffer solution pH 7 yellow    | W2219         |
| pH 2.00 Buffer                 | W2289         |
| Buffer Solution, PH12 (500ml)  | W2267         |

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

True Value of CCV1 = 2.01 Control Limits[+/- 0.1].

True Value of CCV2 = 12.01 Control Limits[+/- 0.1].

True Value of CCV3 = 2.01 Control Limits[+/- 0.1].

| Seq | LabID       | DF | Matrix | Weight (gm) | Volume (ml) | Result (pH) | Anal Date  | Anal Time |
|-----|-------------|----|--------|-------------|-------------|-------------|------------|-----------|
| 1   | CAL1        | 1  | Water  |             |             | 4.01        | 02/24/2018 | 12:35     |
| 2   | CAL2        | 1  | Water  |             |             | 7.00        | 02/24/2018 | 12:36     |
| 3   | CAL3        | 1  | Water  |             |             | 10.01       | 02/24/2018 | 12:37     |
| 4   | ICV         | 1  | Water  |             |             | 6.99        | 02/24/2018 | 12:39     |
| 5   | CCV1        | 1  | Water  |             |             | 2.01        | 02/24/2018 | 12:40     |
| 6   | J1691-04    | 1  | Solid  | 20.02       | 20          | 8.57        | 02/24/2018 | 12:41     |
| 7   | J1691-04DUP | 1  | Solid  | 20.03       | 20          | 8.58        | 02/24/2018 | 12:42     |
| 8   | J1691-08    | 1  | Solid  | 20.02       | 20          | 8.20        | 02/24/2018 | 12:44     |
| 9   | J1691-12    | 1  | Solid  | 20.03       | 20          | 8.46        | 02/24/2018 | 12:45     |
| 10  | J1691-16    | 1  | Solid  | 20.05       | 20          | 7.77        | 02/24/2018 | 12:46     |
| 11  | J1691-20    | 1  | Solid  | 20.01       | 20          | 7.63        | 02/24/2018 | 12:48     |
| 12  | J1691-24    | 1  | Solid  | 20.03       | 20          | 8.82        | 02/24/2018 | 12:50     |
| 13  | J1691-28    | 1  | Solid  | 20.06       | 20          | 8.63        | 02/24/2018 | 12:51     |
| 14  | J1691-32    | 1  | Solid  | 20.04       | 20          | 8.61        | 02/24/2018 | 13:00     |
| 15  | J1691-36    | 1  | Solid  | 20.02       | 20          | 8.59        | 02/24/2018 | 13:01     |
| 16  | CCV2        | 1  | Water  |             |             | 12.02       | 02/24/2018 | 13:03     |
| 17  | J1691-40    | 1  | Solid  | 20.04       | 20          | 7.74        | 02/24/2018 | 13:05     |
| 18  | J1691-44    | 1  | Solid  | 20.01       | 20          | 8.49        | 02/24/2018 | 13:06     |
| 19  | J1691-48    | 1  | Solid  | 20.05       | 20          | 8.04        | 02/24/2018 | 13:09     |
| 20  | J1691-52    | 1  | Solid  | 20.02       | 20          | 7.59        | 02/24/2018 | 13:10     |

| Seq | LabID       | DF | Matrix | Weight<br>(gm) | Volume<br>(ml) | Result<br>(pH) | Anal Date  | Anal Time |
|-----|-------------|----|--------|----------------|----------------|----------------|------------|-----------|
| 21  | J1691-56    | 1  | Solid  | 20.01          | 20             | 8.15           | 02/24/2018 | 13:12     |
| 22  | J1691-60    | 1  | Solid  | 20.02          | 20             | 7.30           | 02/24/2018 | 13:15     |
| 23  | J1691-64    | 1  | Solid  | 20.03          | 20             | 6.40           | 02/24/2018 | 13:16     |
| 24  | J1691-64DUP | 1  | Solid  | 20.05          | 20             | 6.41           | 02/24/2018 | 13:19     |
| 25  | CCV3        | 1  | Water  |                |                | 2.01           | 02/24/2018 | 13:20     |

# WORKLIST(Hardcopy Internal Chain)

WorkList Name : corrosivity j1691

WorkList ID : 108919

Date : 2/24/2018 11:25:43 AM

| Due Date   | Matrix | Sample   | Test        | Preservative | Customer | Storage Location | Customer Sample | Collect Date | Method |
|------------|--------|----------|-------------|--------------|----------|------------------|-----------------|--------------|--------|
| 02/23/2018 | Solid  | J1691-04 | Corrosivity | Cool 4 deg C | PSEG01   | F32              | B1              | 02/23/2018   | 9045C  |
| 02/23/2018 | Solid  | J1691-08 | Corrosivity | Cool 4 deg C | PSEG01   | F32              | B2              | 02/23/2018   | 9045C  |
| 02/23/2018 | Solid  | J1691-12 | Corrosivity | Cool 4 deg C | PSEG01   | F32              | B3              | 02/23/2018   | 9045C  |
| 02/23/2018 | Solid  | J1691-16 | Corrosivity | Cool 4 deg C | PSEG01   | F32              | B4              | 02/23/2018   | 9045C  |
| 02/23/2018 | Solid  | J1691-20 | Corrosivity | Cool 4 deg C | PSEG01   | F32              | B5              | 02/23/2018   | 9045C  |
| 02/23/2018 | Solid  | J1691-24 | Corrosivity | Cool 4 deg C | PSEG01   | F32              | B6              | 02/23/2018   | 9045C  |
| 02/23/2018 | Solid  | J1691-28 | Corrosivity | Cool 4 deg C | PSEG01   | F32              | B7              | 02/23/2018   | 9045C  |
| 02/23/2018 | Solid  | J1691-32 | Corrosivity | Cool 4 deg C | PSEG01   | F32              | B8              | 02/23/2018   | 9045C  |
| 02/23/2018 | Solid  | J1691-36 | Corrosivity | Cool 4 deg C | PSEG01   | F32              | B9              | 02/23/2018   | 9045C  |
| 02/23/2018 | Solid  | J1691-40 | Corrosivity | Cool 4 deg C | PSEG01   | F32              | B10             | 02/23/2018   | 9045C  |
| 02/23/2018 | Solid  | J1691-44 | Corrosivity | Cool 4 deg C | PSEG01   | F32              | B11             | 02/23/2018   | 9045C  |
| 02/23/2018 | Solid  | J1691-48 | Corrosivity | Cool 4 deg C | PSEG01   | F32              | B12             | 02/23/2018   | 9045C  |
| 02/23/2018 | Solid  | J1691-52 | Corrosivity | Cool 4 deg C | PSEG01   | F32              | B13             | 02/23/2018   | 9045C  |
| 02/23/2018 | Solid  | J1691-56 | Corrosivity | Cool 4 deg C | PSEG01   | F32              | B14             | 02/23/2018   | 9045C  |
| 02/23/2018 | Solid  | J1691-60 | Corrosivity | Cool 4 deg C | PSEG01   | F32              | B15             | 02/23/2018   | 9045C  |
| 02/23/2018 | Solid  | J1691-64 | Corrosivity | Cool 4 deg C | PSEG01   | F32              | B16             | 02/23/2018   | 9045C  |

Date/Time 02/24/18 1:00 PM  
 Received by: JS  
 Relinquished by: JS

Date/Time 02/24/18 3:45 PM  
 Received by: CD  
 Relinquished by: JS