



## Analytical Summary Report

Analysis Method: 9045C

Analyst By : JIGNESH

Parameter: Corrosivity

Supervisor Review By : apatel

Run Number: LB87151

Temp.: 23.7 °C

BalanceID: WC SC-4

SLOPE.: 99.1

| Calibration Standards          | Chemtech Log# |
|--------------------------------|---------------|
| PH 4 BUFFER SOLUTION           | W2183         |
| buffer solution pH 7 yellow    | W2159         |
| PH 10.01 BUFFER,COLOR CD 475ML | W2154         |
| BUFFER PH 7.00 GREEN 1PINT PK6 | W2140         |
| pH 2.00 Buffer                 | W2079         |
| Buffer Solution, PH12 (500ml)  | W2099         |

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 = 12.02 Control Limits[+/- 0.1].

| Seq | LabID       | DF | Matrix | Weight (gm) | Volume (ml) | Result (pH) | Anal Date  | Anal Time |
|-----|-------------|----|--------|-------------|-------------|-------------|------------|-----------|
| 1   | CAL1        | 1  | Water  |             |             | 3.99        | 04/29/2017 | 12:00     |
| 2   | CAL2        | 1  | Water  |             |             | 7.01        | 04/29/2017 | 12:01     |
| 3   | CAL3        | 1  | Water  |             |             | 10.03       | 04/29/2017 | 12:02     |
| 4   | ICV         | 1  | Water  |             |             | 7.00        | 04/29/2017 | 12:03     |
| 5   | CCV1        | 1  | Water  |             |             | 2.02        | 04/29/2017 | 12:05     |
| 6   | I2895-15    | 1  | Solid  | 20.02       | 20          | 5.81        | 04/29/2017 | 12:06     |
| 7   | I2895-15DUP | 1  | Solid  | 20.04       | 20          | 5.82        | 04/29/2017 | 12:07     |
| 8   | I2895-16    | 1  | Solid  | 20.03       | 20          | 7.44        | 04/29/2017 | 12:09     |
| 9   | I2895-17    | 1  | Solid  | 20.05       | 20          | 7.99        | 04/29/2017 | 12:10     |
| 10  | I2895-18    | 1  | Solid  | 20.02       | 20          | 7.80        | 04/29/2017 | 12:11     |
| 11  | I2895-19    | 1  | Solid  | 20.04       | 20          | 6.80        | 04/29/2017 | 12:12     |
| 12  | I2895-20    | 1  | Solid  | 20.01       | 20          | 6.68        | 04/29/2017 | 12:13     |
| 13  | I2895-21    | 1  | Solid  | 20.02       | 20          | 6.39        | 04/29/2017 | 12:15     |
| 14  | I2897-01    | 1  | Solid  | 20.04       | 20          | 6.70        | 04/29/2017 | 12:16     |
| 15  | I2914-11    | 1  | Solid  | 20.03       | 20          | 6.01        | 04/29/2017 | 12:17     |
| 16  | CCV2        | 1  | Water  |             |             | 12.01       | 04/29/2017 | 12:18     |
| 17  | I2914-12    | 1  | Solid  | 20.04       | 20          | 6.98        | 04/29/2017 | 12:20     |
| 18  | I2914-13    | 1  | Solid  | 20.01       | 20          | 6.48        | 04/29/2017 | 12:21     |
| 19  | I2914-14    | 1  | Solid  | 20.04       | 20          | 5.98        | 04/29/2017 | 12:22     |
| 20  | I2916-07    | 1  | Solid  | 20.02       | 20          | 6.40        | 04/29/2017 | 12:23     |

| Seq | LabID    | DF | Matrix | Weight<br>(gm) | Volume<br>(ml) | Result<br>(pH) | Anal Date  | Anal Time |
|-----|----------|----|--------|----------------|----------------|----------------|------------|-----------|
| 21  | I2916-08 | 1  | Solid  | 20.00          | 20             | 6.36           | 04/29/2017 | 12:25     |
| 22  | I2916-09 | 1  | Solid  | 20.02          | 20             | 5.95           | 04/29/2017 | 12:26     |
| 23  | CCV3     | 1  | Water  |                |                | 12.02          | 04/29/2017 | 12:27     |

2087151

## WORKLIST(Hardcopy Internal Chain)

WorkList Name : CORROSIONITY 12895

WorkList ID : 97912

Date : 4/29/2017 9:01:32 AM

| Due Date | Matrix | Sample   | Test        | Preservative | Customer | Storage Location | Customer Sample     | Collect Date | Method |
|----------|--------|----------|-------------|--------------|----------|------------------|---------------------|--------------|--------|
|          | Solid  | I2895-15 | Corrosivity | Cool 4 deg C | LIRO01   | D41              | SB-01-COMP(0-2.0)   | 04/26/2017   | 9045C  |
|          | Solid  | I2895-16 | Corrosivity | Cool 4 deg C | LIRO01   | D41              | SB-02-COMP(0-3.0)   | 04/26/2017   | 9045C  |
|          | Solid  | I2895-17 | Corrosivity | Cool 4 deg C | LIRO01   | D41              | SB-05-COMP(0-4.0)   | 04/26/2017   | 9045C  |
|          | Solid  | I2895-18 | Corrosivity | Cool 4 deg C | LIRO01   | D41              | SB-05-COMP(4.0-6.0) | 04/26/2017   | 9045C  |
|          | Solid  | I2895-19 | Corrosivity | Cool 4 deg C | LIRO01   | D41              | SB-07-COMP(0-5.5)   | 04/26/2017   | 9045C  |
|          | Solid  | I2895-20 | Corrosivity | Cool 4 deg C | LIRO01   | D41              | SB-08-COMP(0-2.0)   | 04/26/2017   | 9045C  |
|          | Solid  | I2895-21 | Corrosivity | Cool 4 deg C | LIRO01   | D41              | SB-12-COMP(0-2.0)   | 04/26/2017   | 9045C  |
|          | Solid  | I2897-01 | Corrosivity | Cool 4 deg C | CLEA11   | D22              | OWS-1               | 04/26/2017   | 9045C  |
|          | Solid  | I2914-11 | Corrosivity | Cool 4 deg C | LIRO01   | D32              | SB-06-COMP(0-7)     | 04/27/2017   | 9045C  |
|          | Solid  | I2914-12 | Corrosivity | Cool 4 deg C | LIRO01   | D32              | SB-06-COMP(0-7)DUP  | 04/27/2017   | 9045C  |
|          | Solid  | I2914-13 | Corrosivity | Cool 4 deg C | LIRO01   | D32              | SB-10-COMP(0-6.5)   | 04/27/2017   | 9045C  |
|          | Solid  | I2914-14 | Corrosivity | Cool 4 deg C | LIRO01   | D32              | SB-11-COMP(0-1.0)   | 04/27/2017   | 9045C  |
|          | Solid  | I2916-07 | Corrosivity | Cool 4 deg C | LIRO01   | D32              | SB-03-COMP(0-2.5)   | 04/27/2017   | 9045C  |
|          | Solid  | I2916-08 | Corrosivity | Cool 4 deg C | LIRO01   | D32              | SB-04-COMP(0-7.5)   | 04/27/2017   | 9045C  |
|          | Solid  | I2916-09 | Corrosivity | Cool 4 deg C | LIRO01   | D32              | SB-09-COMP(0-2)     | 04/27/2017   | 9045C  |

Date/Time 04/29/17 9:00 AM  
Received by: JD  
Relinquished by: [Signature]

Date/Time 04/29/17 4:30 PM  
Received by: [Signature]  
Relinquished by: JP