



## Analytical Summary Report

Analysis Method: 9045D

Analyst By : JIGNESH

Parameter: pH

Supervisor Review By : Iwona

Run Number: LB128794

Slope : 99.2

BalanceID: WC SC-4

pH Meter ID : WC PH METER-1

| Calibration Standards          | Chemtech Log# |
|--------------------------------|---------------|
| PH 4 BUFFER SOLUTION           | W3033         |
| BUFFER PH 7.00 GREEN 1PINT PK6 | W2981         |
| PH 10.01 BUFFER,COLOR CD 475ML | W3043         |
| buffer solution pH 7 yellow    | W2887         |
| Buffer Solution, PH2 (500ml)   | W3005         |
| pH 12.00 Buffer                | W2940         |

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        | 12/18/2023 | 09:05     |
| 2   | CAL2     | 1  | Water  | NA          | NA          | 20.3             | 7.00        | 12/18/2023 | 09:06     |
| 3   | CAL3     | 1  | Water  | NA          | NA          | 20.3             | 10.02       | 12/18/2023 | 09:07     |
| 4   | ICV      | 1  | Water  | NA          | NA          | 20.6             | 7.00        | 12/18/2023 | 09:10     |
| 5   | CCV1     | 1  | Water  | NA          | NA          | 20.5             | 2.01        | 12/18/2023 | 09:15     |
| 6   | O5814-01 | 1  | Solid  | 20.02       | 20          | 27.2             | 6.19        | 12/18/2023 | 09:22     |
| 7   | O5814-02 | 1  | Solid  | 20.03       | 20          | 27.5             | 6.31        | 12/18/2023 | 09:25     |
| 8   | O5814-03 | 1  | Solid  | 20.04       | 20          | 27.5             | 6.92        | 12/18/2023 | 09:30     |
| 9   | O5814-04 | 1  | Solid  | 20.02       | 20          | 27.2             | 7.53        | 12/18/2023 | 09:33     |
| 10  | O5814-05 | 1  | Solid  | 20.03       | 20          | 26.8             | 7.88        | 12/18/2023 | 09:35     |
| 11  | O5814-06 | 1  | Solid  | 20.04       | 20          | 25.6             | 8.23        | 12/18/2023 | 09:40     |
| 12  | O5814-07 | 1  | Solid  | 20.03       | 20          | 26.9             | 8.28        | 12/18/2023 | 09:45     |
| 13  | O5814-08 | 1  | Solid  | 20.03       | 20          | 26.4             | 8.25        | 12/18/2023 | 09:47     |
| 14  | O5814-09 | 1  | Solid  | 20.01       | 20          | 25.6             | 8.11        | 12/18/2023 | 09:50     |
| 15  | O5814-10 | 1  | Solid  | 20.03       | 20          | 25.8             | 8.13        | 12/18/2023 | 10:00     |
| 16  | CCV2     | 1  | Water  | NA          | NA          | 20.5             | 12.02       | 12/18/2023 | 10:05     |
| 17  | O5814-11 | 1  | Solid  | 20.05       | 20          | 26.1             | 7.84        | 12/18/2023 | 10:10     |
| 18  | O5814-12 | 1  | Solid  | 20.05       | 20          | 26.9             | 8.01        | 12/18/2023 | 10:15     |
| 19  | O5814-13 | 1  | Solid  | 20.02       | 20          | 25.6             | 7.95        | 12/18/2023 | 10:22     |
| 20  | O5814-14 | 1  | Solid  | 20.03       | 20          | 25.9             | 7.80        | 12/18/2023 | 10:30     |

| Seq | LabID    | DF | Matrix | Weight (gm) | Volume (ml) | Temperature (°C) | Result (pH) | Anal Date  | Anal Time |
|-----|----------|----|--------|-------------|-------------|------------------|-------------|------------|-----------|
| 21  | 05814-15 | 1  | Solid  | 20.04       | 20          | 26.3             | 8.17        | 12/18/2023 | 10:35     |
| 22  | 05814-16 | 1  | Solid  | 20.02       | 20          | 25.9             | 8.04        | 12/18/2023 | 10:40     |
| 23  | 05814-17 | 1  | Solid  | 20.03       | 20          | 26.2             | 8.05        | 12/18/2023 | 10:45     |
| 24  | 05814-18 | 1  | Solid  | 20.04       | 20          | 25.6             | 8.01        | 12/18/2023 | 10:48     |
| 25  | 05814-19 | 1  | Solid  | 20.02       | 20          | 25.6             | 8.02        | 12/18/2023 | 10:50     |
| 26  | 05814-20 | 1  | Solid  | 20.02       | 20          | 26.1             | 7.91        | 12/18/2023 | 11:00     |
| 27  | CCV3     | 1  | Water  | NA          | NA          | 20.5             | 2.01        | 12/18/2023 | 11:05     |
| 28  | 05814-21 | 1  | Solid  | 20.02       | 20          | 26.1             | 7.91        | 12/18/2023 | 11:00     |
| 29  | 05814-22 | 1  | Solid  | 20.02       | 20          | 26.1             | 7.91        | 12/18/2023 | 11:00     |
| 30  | CCV4     | 1  | Water  | NA          | NA          | 20.4             | 12.03       | 12/18/2023 | 11:10     |

# WORKLIST(Hardcopy Internal Chain)

VB 128894

WorkList Name : ph 05814

WorkList ID : 176481

Department : Wet-Chemistry

Date : 12-18-2023 08:58:18

| Sample   | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|----------|-----------------|--------|------|--------------|----------|-----------------------------|--------------|--------|
| O5814-01 | E0Z06           | Solid  | pH   | Cool 4 deg C | USEP01   | B61                         | 12/07/2023   | 9045D  |
| O5814-02 | E0Z07           | Solid  | pH   | Cool 4 deg C | USEP01   | B61                         | 12/07/2023   | 9045D  |
| O5814-03 | E0Z08           | Solid  | pH   | Cool 4 deg C | USEP01   | B61                         | 12/07/2023   | 9045D  |
| O5814-04 | E0Z09           | Solid  | pH   | Cool 4 deg C | USEP01   | B61                         | 12/07/2023   | 9045D  |
| O5814-05 | E0Z10           | Solid  | pH   | Cool 4 deg C | USEP01   | B61                         | 12/07/2023   | 9045D  |
| O5814-06 | E0Z34           | Solid  | pH   | Cool 4 deg C | USEP01   | B61                         | 12/07/2023   | 9045D  |
| O5814-07 | E0Z35           | Solid  | pH   | Cool 4 deg C | USEP01   | B61                         | 12/07/2023   | 9045D  |
| O5814-08 | E0Z31           | Solid  | pH   | Cool 4 deg C | USEP01   | B61                         | 12/07/2023   | 9045D  |
| O5814-09 | E0Z32           | Solid  | pH   | Cool 4 deg C | USEP01   | B61                         | 12/07/2023   | 9045D  |
| O5814-10 | E0ZG1           | Solid  | pH   | Cool 4 deg C | USEP01   | B61                         | 12/07/2023   | 9045D  |
| O5814-11 | E0ZG2           | Solid  | pH   | Cool 4 deg C | USEP01   | B61                         | 12/07/2023   | 9045D  |
| O5814-12 | E0ZG3           | Solid  | pH   | Cool 4 deg C | USEP01   | B61                         | 12/07/2023   | 9045D  |
| O5814-13 | E0ZG4           | Solid  | pH   | Cool 4 deg C | USEP01   | B61                         | 12/07/2023   | 9045D  |
| O5814-14 | E0ZG5           | Solid  | pH   | Cool 4 deg C | USEP01   | B61                         | 12/07/2023   | 9045D  |
| O5814-15 | E0Z33           | Solid  | pH   | Cool 4 deg C | USEP01   | B61                         | 12/07/2023   | 9045D  |
| O5814-16 | E0ZK6           | Solid  | pH   | Cool 4 deg C | USEP01   | B61                         | 12/07/2023   | 9045D  |
| O5814-17 | E0ZK7           | Solid  | pH   | Cool 4 deg C | USEP01   | B61                         | 12/07/2023   | 9045D  |
| O5814-18 | E0ZK8           | Solid  | pH   | Cool 4 deg C | USEP01   | B61                         | 12/07/2023   | 9045D  |
| O5814-19 | E0ZK9           | Solid  | pH   | Cool 4 deg C | USEP01   | B61                         | 12/07/2023   | 9045D  |
| O5814-20 | E0ZL0           | Solid  | pH   | Cool 4 deg C | USEP01   | B61                         | 12/07/2023   | 9045D  |
| O5814-21 | E0ZL0D          | Solid  | pH   | Cool 4 deg C | USEP01   | B61                         | 12/07/2023   | 9045D  |

Date/Time 12-18-23 09:12:00

Raw Sample Received by: JB (QC) 12-18-23 12:30

Raw Sample Relinquished by: JB (QC) 12-18-23 12:30

# WORKLIST(Hardcopy Internal Chain)

VB 128796

WorkList Name : ph 05814      WorkList ID : 176481      Department : Wet-Chemistry      Date : 12-18-2023 08:58:18

| Sample   | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|----------|-----------------|--------|------|--------------|----------|-----------------------------|--------------|--------|
| O5814-22 | E0ZLOS          | Solid  | pH   | Cool 4 deg C | USEP01   | B61                         | 12/07/2023   | 9045D  |

Date/Time 12-18-23 09:00  
 Raw Sample Received by: JB (WJC)  
 Raw Sample Relinquished by: JDCson

Date/Time 12-18-23 12:30  
 Raw Sample Received by: JDCson  
 Raw Sample Relinquished by: JB (WJC)