



## Analytical Summary Report

Analysis Method: 9045D

Analyst By : JIGNESH

Parameter: pH

Supervisor Review By : Iwona

Run Number: LB128912

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        | 12/23/2023 | 08:11     |
| 2   | CAL2     | 1  | Water  | NA          | NA          | 20.3             | 7.00        | 12/23/2023 | 08:12     |
| 3   | CAL3     | 1  | Water  | NA          | NA          | 20.3             | 10.02       | 12/23/2023 | 08:15     |
| 4   | ICV      | 1  | Water  | NA          | NA          | 20.4             | 7.02        | 12/23/2023 | 08:22     |
| 5   | CCV1     | 1  | Water  | NA          | NA          | 20.4             | 2.01        | 12/23/2023 | 08:25     |
| 6   | O5922-01 | 1  | Solid  | 20.02       | 20          | 23.3             | 10.55       | 12/23/2023 | 08:33     |
| 7   | O5922-02 | 1  | Solid  | 20.03       | 20          | 23.2             | 10.55       | 12/23/2023 | 08:35     |
| 8   | O5922-03 | 1  | Solid  | 20.04       | 20          | 21.3             | 9.59        | 12/23/2023 | 08:40     |
| 9   | O5922-04 | 1  | Solid  | 20.02       | 20          | 22.4             | 8.91        | 12/23/2023 | 08:45     |
| 10  | O5922-05 | 1  | Solid  | 20.02       | 20          | 22.4             | 8.91        | 12/23/2023 | 08:45     |
| 11  | O5922-06 | 1  | Solid  | 20.02       | 20          | 22.4             | 8.91        | 12/23/2023 | 08:45     |
| 12  | O5922-07 | 1  | Solid  | 20.02       | 20          | 22.4             | 8.85        | 12/23/2023 | 08:50     |
| 13  | O5922-08 | 1  | Solid  | 20.03       | 20          | 22.7             | 10.49       | 12/23/2023 | 09:00     |
| 14  | O5922-09 | 1  | Solid  | 20.04       | 20          | 22.7             | 10.11       | 12/23/2023 | 09:11     |
| 15  | O5922-10 | 1  | Solid  | 20.03       | 20          | 22.5             | 10.53       | 12/23/2023 | 09:15     |
| 16  | CCV2     | 1  | Water  | NA          | NA          | 20.3             | 12.02       | 12/23/2023 | 09:25     |
| 17  | O5922-11 | 1  | Solid  | 20.04       | 20          | 23.2             | 10.87       | 12/23/2023 | 09:30     |
| 18  | O5922-12 | 1  | Solid  | 20.02       | 20          | 22.8             | 10.80       | 12/23/2023 | 09:35     |
| 19  | O5922-13 | 1  | Solid  | 20.03       | 20          | 22.5             | 9.20        | 12/23/2023 | 09:40     |
| 20  | O5922-14 | 1  | Solid  | 20.02       | 20          | 22.9             | 10.62       | 12/23/2023 | 09:45     |

| Seq | LabID    | DF | Matrix | Weight (gm) | Volume (ml) | Temperature (°C) | Result (pH) | Anal Date  | Anal Time |
|-----|----------|----|--------|-------------|-------------|------------------|-------------|------------|-----------|
| 21  | 05922-16 | 1  | Solid  | 20.02       | 20          | 22.9             | 11.20       | 12/23/2023 | 09:50     |
| 22  | 05922-17 | 1  | Solid  | 20.03       | 20          | 22.6             | 9.21        | 12/23/2023 | 10:00     |
| 23  | 05922-18 | 1  | Solid  | 20.04       | 20          | 23.3             | 10.30       | 12/23/2023 | 10:10     |
| 24  | 05922-19 | 1  | Solid  | 20.02       | 20          | 22.8             | 10.44       | 12/23/2023 | 10:15     |
| 25  | 05922-20 | 1  | Solid  | 20.03       | 20          | 23.2             | 9.04        | 12/23/2023 | 10:20     |
| 26  | 05922-21 | 1  | Solid  | 20.04       | 20          | 21.8             | 10.77       | 12/23/2023 | 10:30     |
| 27  | CCV3     | 1  | Water  | NA          | NA          | 20.3             | 2.01        | 12/23/2023 | 10:33     |
| 28  | 05922-22 | 1  | Solid  | 20.04       | 20          | 22.5             | 10.93       | 12/23/2023 | 10:40     |
| 29  | CCV4     | 1  | Water  | NA          | NA          | 20.5             | 12.03       | 12/23/2023 | 10:45     |

# WORKLIST(Hardcopy Internal Chain)

WP 12/23/23

WorkList Name : ph 05922

WorkList ID : 176699

Department : Wet-Chemistry

Date : 12-23-2023 07:43:19

| Sample   | Customer Sample | Matrix | Test | Preservative | Customer | Raw Sample Storage Location | Collect Date | Method |
|----------|-----------------|--------|------|--------------|----------|-----------------------------|--------------|--------|
| O5922-01 | E0X54           | Solid  | pH   | Cool 4 deg C | USEP01   | B12                         | 12/18/2023   | 9045D  |
| O5922-02 | E0X14           | Solid  | pH   | Cool 4 deg C | USEP01   | B12                         | 12/15/2023   | 9045D  |
| O5922-03 | E0X15           | Solid  | pH   | Cool 4 deg C | USEP01   | B12                         | 12/15/2023   | 9045D  |
| O5922-04 | E0XX3           | Solid  | pH   | Cool 4 deg C | USEP01   | B12                         | 12/18/2023   | 9045D  |
| O5922-05 | E0XX3D          | Solid  | pH   | Cool 4 deg C | USEP01   | B12                         | 12/18/2023   | 9045D  |
| O5922-06 | E0XX3S          | Solid  | pH   | Cool 4 deg C | USEP01   | B12                         | 12/18/2023   | 9045D  |
| O5922-07 | E0X51           | Solid  | pH   | Cool 4 deg C | USEP01   | B12                         | 12/18/2023   | 9045D  |
| O5922-08 | E0X83           | Solid  | pH   | Cool 4 deg C | USEP01   | B12                         | 12/19/2023   | 9045D  |
| O5922-09 | E0XK1           | Solid  | pH   | Cool 4 deg C | USEP01   | B12                         | 12/18/2023   | 9045D  |
| O5922-10 | E0XK2           | Solid  | pH   | Cool 4 deg C | USEP01   | B12                         | 12/18/2023   | 9045D  |
| O5922-11 | E0XK3           | Solid  | pH   | Cool 4 deg C | USEP01   | B12                         | 12/18/2023   | 9045D  |
| O5922-12 | E0XK4           | Solid  | pH   | Cool 4 deg C | USEP01   | B12                         | 12/18/2023   | 9045D  |
| O5922-13 | E0XX7           | Solid  | pH   | Cool 4 deg C | USEP01   | B12                         | 12/18/2023   | 9045D  |
| O5922-14 | E0X52           | Solid  | pH   | Cool 4 deg C | USEP01   | B12                         | 12/18/2023   | 9045D  |
| O5922-16 | E0X84           | Solid  | pH   | Cool 4 deg C | USEP01   | B12                         | 12/18/2023   | 9045D  |
| O5922-17 | E0X85           | Solid  | pH   | Cool 4 deg C | USEP01   | B12                         | 12/19/2023   | 9045D  |
| O5922-18 | E0X87           | Solid  | pH   | Cool 4 deg C | USEP01   | B12                         | 12/19/2023   | 9045D  |
| O5922-19 | E0X88           | Solid  | pH   | Cool 4 deg C | USEP01   | B12                         | 12/19/2023   | 9045D  |
| O5922-20 | E0XN0           | Solid  | pH   | Cool 4 deg C | USEP01   | B12                         | 12/19/2023   | 9045D  |
| O5922-21 | E0X86           | Solid  | pH   | Cool 4 deg C | USEP01   | B12                         | 12/19/2023   | 9045D  |
| O5922-22 | E0X89           | Solid  | pH   | Cool 4 deg C | USEP01   | B12                         | 12/19/2023   | 9045D  |

Date/Time 12/23/23 08:00

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Date/Time 12/23/23 12:00

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]