

## Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB108090

pH Meter ID: WC pH Meter-1

| Reagent/Standard                     | Lot/Log # |
|--------------------------------------|-----------|
| Calibration STD HexaChrome 1 PPM     | WP82650   |
| Calibration STD Hexa Chrome 0.5 PPM  | WP82649   |
| Calibration Std. hexchrome 0.1 ppm   | WP82651   |
| Calibration Std. hexchrome 0.05 ppm  | WP82652   |
| calibration std. hexchrome 0.01 ppm  | WP82653   |
| calibration std. hexchrome 0 ppm     | WP82655   |
| Hexavalent Chromium CCV Std          | WP82658   |
| hexavalent chromium color reagent    | WP82562   |
| 5N sulfuric acid                     | WP79628   |
| HNO3 Hex-Chrome, 5M                  | WP80978   |
| Calibration Std Hexachrome 0.025 ppm | WP82659   |
| Hexavalent Chromium ICV-LCS Std      | WP82657   |

Intercept: 0.0005

Slope: 0.7575

Regression: 0.999995

| Seq | Lab ID | True Value (mg/l) | DF | Initial Vol (ml/gm) | Final Vol (ml) | pH HN03 | pH H2SO4 | Absorb. at 540 |       | Absorbance Difference | Anal Date  | Anal Time |
|-----|--------|-------------------|----|---------------------|----------------|---------|----------|----------------|-------|-----------------------|------------|-----------|
|     |        |                   |    |                     |                |         |          | Backgrnd       | Color |                       |            |           |
| 1   | CAL1   | 0                 | 1  | 100                 | 100            |         | 2.07     | 0.000          | 0.000 | 0.000                 | 03/04/2020 | 08:31     |
| 2   | CAL2   | 0.01              | 1  | 100                 | 100            |         | 2.05     | 0.000          | 0.007 | 0.007                 | 03/04/2020 | 08:32     |
| 3   | CAL3   | 0.025             | 1  | 100                 | 100            |         | 2.03     | 0.000          | 0.020 | 0.020                 | 03/04/2020 | 08:33     |
| 4   | CAL4   | 0.05              | 1  | 100                 | 100            |         | 2.06     | 0.000          | 0.038 | 0.038                 | 03/04/2020 | 08:34     |
| 5   | CAL5   | 0.1               | 1  | 100                 | 100            |         | 2.04     | 0.000          | 0.078 | 0.078                 | 03/04/2020 | 08:35     |
| 6   | CAL6   | 0.5               | 1  | 100                 | 100            |         | 2.06     | 0.000          | 0.379 | 0.379                 | 03/04/2020 | 08:36     |
| 7   | CAL7   | 1                 | 1  | 100                 | 100            |         | 2.07     | 0.000          | 0.758 | 0.758                 | 03/04/2020 | 08:37     |

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromiu

SUPERVISOR REVIEW BY: apatel

Run Number: LB108090

pH Meter ID: WC pH Meter-1

| Seq | Lab ID          | True Value (mg/l) | DF | Initial Vol (ml/gm) | Final Vol (ml) | pH HN03 | pH H2SO4 | Absorb. at 540 |       | Absorbance Difference | Result | Anal Date  | Anal Time |
|-----|-----------------|-------------------|----|---------------------|----------------|---------|----------|----------------|-------|-----------------------|--------|------------|-----------|
|     |                 |                   |    |                     |                |         |          | Backgrnd       | Color |                       |        |            |           |
| 1   | ICV             | 0.5               | 1  | 100                 | 100            |         | 2.04     | 0.000          | 0.379 | 0.379                 | 0.500  | 03/04/2020 | 08:38     |
| 2   | ICB             |                   | 1  | 100                 | 100            |         | 2.07     | 0.000          | 0.000 | 0.000                 | -0.001 | 03/04/2020 | 08:39     |
| 3   | CCV1            | 0.5               | 1  | 100                 | 100            |         | 2.05     | 0.000          | 0.381 | 0.381                 | 0.502  | 03/04/2020 | 13:10     |
| 4   | CCB1            |                   | 1  | 100                 | 100            |         | 2.03     | 0.000          | 0.000 | 0.000                 | -0.001 | 03/04/2020 | 13:11     |
| 5   | PB127264BL      |                   | 1  | 2.51                | 100            | 7.03    | 2.08     | 0.000          | 0.000 | 0.000                 | -0.001 | 03/04/2020 | 13:12     |
| 6   | PB127264BS      | 20                | 1  | 2.50                | 100            | 7.08    | 2.09     | 0.000          | 0.356 | 0.356                 | 0.469  | 03/04/2020 | 13:13     |
| 7   | L1748-01        |                   | 1  | 2.53                | 100            | 7.05    | 2.07     | 0.003          | 0.003 | 0.000                 | -0.001 | 03/04/2020 | 13:14     |
| 8   | L1748-01DUP     |                   | 1  | 2.52                | 100            | 7.06    | 2.04     | 0.002          | 0.003 | 0.001                 | 0.001  | 03/04/2020 | 13:15     |
| 9   | L1748-01MSPre   | 40                | 2  | 2.51                | 100            | 7.04    | 2.06     | 0.002          | 0.326 | 0.324                 | 0.427  | 03/04/2020 | 13:16     |
| 10  | L1748-01MS2Ins  | 1284              | 40 | 2.53                | 100            | 7.06    | 2.03     | 0.003          | 0.658 | 0.655                 | 0.864  | 03/04/2020 | 13:17     |
| 11  | L1748-01MS3Post | 40                | 2  | 2.50                | 100            | 7.09    | 2.02     | 0.002          | 0.361 | 0.359                 | 0.473  | 03/04/2020 | 13:18     |
| 12  | L1759-01        |                   | 1  | 2.51                | 100            | 7.04    | 2.05     | 0.004          | 0.005 | 0.001                 | 0.001  | 03/04/2020 | 13:19     |
| 13  | L1771-01        |                   | 1  | 2.55                | 100            | 7.03    | 2.07     | 0.126          | 0.128 | 0.002                 | 0.002  | 03/04/2020 | 13:20     |
| 14  | L1771-02        |                   | 1  | 2.56                | 100            | 7.02    | 2.06     | 0.060          | 0.061 | 0.001                 | 0.001  | 03/04/2020 | 13:21     |
| 15  | CCV2            | 0.5               | 1  | 100                 | 100            |         | 2.04     | 0.000          | 0.376 | 0.376                 | 0.496  | 03/04/2020 | 13:22     |
| 16  | CCB2            |                   | 1  | 100                 | 100            |         | 2.06     | 0.000          | 0.000 | 0.000                 | -0.001 | 03/04/2020 | 13:23     |
| 17  | L1775-01        |                   | 1  | 2.54                | 100            | 7.04    | 2.04     | 0.005          | 0.006 | 0.001                 | 0.001  | 03/04/2020 | 13:24     |
| 18  | L1775-07        |                   | 1  | 2.53                | 100            | 7.06    | 2.06     | 0.010          | 0.012 | 0.002                 | 0.002  | 03/04/2020 | 13:25     |
| 19  | L1775-13        |                   | 1  | 2.52                | 100            | 7.07    | 2.04     | 0.006          | 0.008 | 0.002                 | 0.002  | 03/04/2020 | 13:26     |
| 20  | CCV3            | 0.5               | 1  | 100                 | 100            |         | 2.06     | 0.000          | 0.375 | 0.375                 | 0.494  | 03/04/2020 | 13:27     |
| 21  | CCB3            |                   | 1  | 100                 | 100            |         | 2.08     | 0.000          | 0.000 | 0.000                 | -0.001 | 03/04/2020 | 13:28     |