

# Alytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB109518

pH Meter ID: WC pH Meter-1

| Reagent/Standard                         | Lot/Log # |
|------------------------------------------|-----------|
| Calibration Std. hexchrome 0.1 ppm       | WP84707   |
| Calibration Std. hexchrome 0.05 ppm      | WP84708   |
| calibration std. hexchrome 0.01 ppm      | WP84709   |
| calibration std. hexchrome 0 ppm         | WP84710   |
| hexavalent chromium color reagent        | WP84635   |
| 5N sulfuric acid                         | WP84066   |
| HNO3 Hex-Chrome, 5M                      | WP84067   |
| Hexchrome Cleaning Solution              | WP84106   |
| Calibration Std Hexachrome 0.025 ppm     | WP84712   |
| Hexavalent Chromium ICV-LCS Std          | WP84711   |
| Calibration and CCV std HexChrome 0.5PPM | WP84706   |
| Calibration std HexChrome 1.0PPM         | WP84705   |

Intercept: -0.0003

Slope: 0.7971

Regression: 0.999999

| 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                 | 06/09/2020 | 10:15     |
| 2   | CAL2   | 0.01              | 1  | 100                 | 100            |         | 2.08     | 0.000          | 0.008 | 0.008                 | 06/09/2020 | 10:16     |
| 3   | CAL3   | 0.025             | 1  | 100                 | 100            |         | 2.06     | 0.000          | 0.020 | 0.020                 | 06/09/2020 | 10:17     |
| 4   | CAL4   | 0.05              | 1  | 100                 | 100            |         | 2.04     | 0.000          | 0.039 | 0.039                 | 06/09/2020 | 10:18     |
| 5   | CAL5   | 0.1               | 1  | 100                 | 100            |         | 2.05     | 0.000          | 0.079 | 0.079                 | 06/09/2020 | 10:19     |
| 6   | CAL6   | 0.5               | 1  | 100                 | 100            |         | 2.03     | 0.000          | 0.398 | 0.398                 | 06/09/2020 | 10:20     |
| 7   | CAL7   | 1                 | 1  | 100                 | 100            |         | 2.02     | 0.000          | 0.797 | 0.797                 | 06/09/2020 | 10:21     |

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromiu

SUPERVISOR REVIEW BY: apatel

Run Number: LB109518

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          | 0.383 | 0.383                 | 0.481  | 06/09/2020 | 10:22     |
| 2   | ICB             |                   | 1  | 100                 | 100            |         | 2.06     | 0.000          | 0.000 | 0.000                 | 0.000  | 06/09/2020 | 10:23     |
| 3   | CCV1            | 0.5               | 1  | 100                 | 100            |         | 2.05     | 0.000          | 0.387 | 0.387                 | 0.486  | 06/09/2020 | 11:15     |
| 4   | CCB1            |                   | 1  | 100                 | 100            |         | 2.07     | 0.000          | 0.000 | 0.000                 | 0.000  | 06/09/2020 | 11:16     |
| 5   | PB129386BL      |                   | 1  | 2.53                | 100            | 7.04    | 2.07     | 0.000          | 0.000 | 0.000                 | 0.000  | 06/09/2020 | 11:17     |
| 6   | PB129386BS      | 20                | 1  | 2.51                | 100            | 7.06    | 2.08     | 0.000          | 0.370 | 0.370                 | 0.465  | 06/09/2020 | 11:18     |
| 7   | L2812-01        |                   | 1  | 2.53                | 100            | 7.05    | 2.09     | 0.023          | 0.025 | 0.002                 | 0.003  | 06/09/2020 | 11:19     |
| 8   | L2812-01DUP     |                   | 1  | 2.52                | 100            | 7.03    | 2.07     | 0.022          | 0.024 | 0.002                 | 0.003  | 06/09/2020 | 11:20     |
| 9   | L2812-01MSPre   | 40                | 2  | 2.51                | 100            | 7.08    | 2.05     | 0.018          | 0.136 | 0.118                 | 0.148  | 06/09/2020 | 11:21     |
| 10  | L2812-01MS2Ins  | 1284              | 40 | 2.53                | 100            | 7.09    | 2.06     | 0.015          | 0.654 | 0.639                 | 0.802  | 06/09/2020 | 11:22     |
| 11  | L2812-01MS3Post | 40                | 2  | 2.50                | 100            | 7.07    | 2.04     | 0.018          | 0.268 | 0.250                 | 0.314  | 06/09/2020 | 11:23     |
| 12  | L2815-01        |                   | 1  | 2.53                | 100            | 7.04    | 2.03     | 0.012          | 0.014 | 0.002                 | 0.003  | 06/09/2020 | 11:24     |
| 13  | L2924-01        |                   | 1  | 2.56                | 100            | 7.08    | 2.02     | 0.007          | 0.009 | 0.002                 | 0.003  | 06/09/2020 | 11:25     |
| 14  | L2946-05        |                   | 1  | 2.55                | 100            | 7.05    | 2.04     | 0.022          | 0.023 | 0.001                 | 0.002  | 06/09/2020 | 11:26     |
| 15  | CCV2            | 0.5               | 1  | 100                 | 100            |         | 2.06     | 0.000          | 0.379 | 0.379                 | 0.476  | 06/09/2020 | 11:27     |
| 16  | CCB2            |                   | 1  | 100                 | 100            |         | 2.08     | 0.000          | 0.000 | 0.000                 | 0.000  | 06/09/2020 | 11:28     |
| 17  | L2950-01        |                   | 1  | 2.52                | 100            | 7.03    | 2.07     | 0.015          | 0.017 | 0.002                 | 0.003  | 06/09/2020 | 11:29     |
| 18  | L2951-01        |                   | 1  | 2.57                | 100            | 7.04    | 2.09     | 0.004          | 0.009 | 0.005                 | 0.007  | 06/09/2020 | 11:30     |
| 19  | CCV3            | 0.5               | 1  | 100                 | 100            |         | 2.07     | 0.000          | 0.375 | 0.375                 | 0.471  | 06/09/2020 | 11:31     |
| 20  | CCB3            |                   | 1  | 100                 | 100            |         | 2.04     | 0.000          | 0.000 | 0.000                 | 0.000  | 06/09/2020 | 11:32     |