

## Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB107103

pH Meter ID: WC pH Meter-1

| Reagent/Standard                    | Lot/Log # |
|-------------------------------------|-----------|
| Calibration STD HexaChrome 1 PPM    | WP81090   |
| Calibration STD Hexa Chrome 0.5 PPM | WP81091   |
| Calibration Std. hexchrome 0.1 ppm  | WP81096   |
| Calibration Std. hexchrome 0.05 ppm | WP81095   |
| calibration std. hexchrome 0.01 ppm | WP81094   |
| calibration std. hexchrome 0 ppm    | WP81093   |
| Hexavalent Chromium ICV Std.        | WP81098   |
| Hexavalent Chromium CCV Std         | WP81097   |
| Hexavalent Chromium LCS Std         | WP81099   |
| hexavalent chromium color reagent   | WP81041   |
| 5N sulfuric acid                    | WP79628   |
| HNO3 Hex-Chrome, 5M                 | WP80978   |

Intercept: -0.0004

Slope: 0.8001

Regression: 0.999998

| 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            |         | 1.98     | 0.000          | 0.000 | 0.000                 | 01/09/2020 | 15:50     |
| 2   | CAL2   | 0.01              | 1  | 100                 | 100            |         | 2.03     | 0.000          | 0.008 | 0.008                 | 01/09/2020 | 15:51     |
| 3   | CAL3   | 0.025             | 1  | 100                 | 100            |         | 2.04     | 0.000          | 0.020 | 0.020                 | 01/09/2020 | 15:52     |
| 4   | CAL4   | 0.05              | 1  | 100                 | 100            |         | 2.09     | 0.000          | 0.039 | 0.039                 | 01/09/2020 | 15:53     |
| 5   | CAL5   | 0.1               | 1  | 100                 | 100            |         | 2.07     | 0.000          | 0.079 | 0.079                 | 01/09/2020 | 15:54     |
| 6   | CAL6   | 0.5               | 1  | 100                 | 100            |         | 2.05     | 0.000          | 0.399 | 0.399                 | 01/09/2020 | 15:55     |
| 7   | CAL7   | 1                 | 1  | 100                 | 100            |         | 2.04     | 0.000          | 0.800 | 0.800                 | 01/09/2020 | 15:56     |

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| 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            |         | 2.02     | 0.000          | 0.378 | 0.378                 | 0.473  | 01/09/2020 | 15:57     |
| 2   | ICB             |                   | 1  | 100                 | 100            |         | 2.07     | 0.000          | 0.000 | 0.000                 | 0.000  | 01/09/2020 | 15:58     |
| 3   | CCV1            | 0.5               | 1  | 100                 | 100            |         | 2.08     | 0.000          | 0.385 | 0.385                 | 0.482  | 01/09/2020 | 15:59     |
| 4   | CCB1            |                   | 1  | 100                 | 100            |         | 2.05     | 0.000          | 0.000 | 0.000                 | 0.000  | 01/09/2020 | 16:02     |
| 5   | PB125988BL      |                   | 1  | 2.52                | 100            | 7.05    | 2.06     | 0.000          | 0.000 | 0.000                 | 0.000  | 01/09/2020 | 16:03     |
| 6   | PB125988BS      | 20                | 1  | 2.51                | 100            | 7.08    | 2.04     | 0.001          | 0.355 | 0.354                 | 0.443  | 01/09/2020 | 16:04     |
| 7   | L1064-01        |                   | 1  | 2.53                | 100            | 7.03    | 2.03     | 0.009          | 0.011 | 0.002                 | 0.003  | 01/09/2020 | 16:05     |
| 8   | L1064-01DUP     |                   | 1  | 2.52                | 100            | 7.04    | 2.01     | 0.008          | 0.010 | 0.002                 | 0.003  | 01/09/2020 | 16:06     |
| 9   | L1064-01MSPre   | 40                | 2  | 2.55                | 100            | 7.06    | 2.06     | 0.008          | 0.358 | 0.350                 | 0.438  | 01/09/2020 | 16:07     |
| 10  | L1064-01MS2Ins  | 1284              | 40 | 2.53                | 100            | 7.04    | 2.04     | 0.008          | 0.655 | 0.647                 | 0.809  | 01/09/2020 | 16:08     |
| 11  | L1064-01MS3Post | 40                | 2  | 2.54                | 100            | 7.08    | 2.04     | 0.008          | 0.372 | 0.364                 | 0.455  | 01/09/2020 | 16:09     |
| 12  | L1064-05        |                   | 1  | 2.52                | 100            | 7.09    | 2.06     | 0.014          | 0.015 | 0.001                 | 0.002  | 01/09/2020 | 16:10     |
| 13  | L1070-01        |                   | 1  | 2.55                | 100            | 7.08    | 2.09     | 0.051          | 0.053 | 0.002                 | 0.003  | 01/09/2020 | 16:12     |
| 14  | L1070-04        |                   | 1  | 2.52                | 100            | 7.04    | 2.07     | 0.023          | 0.023 | 0.000                 | 0.000  | 01/09/2020 | 16:13     |
| 15  | CCV2            | 0.5               | 1  | 100                 | 100            |         | 2.04     | 0.000          | 0.383 | 0.383                 | 0.479  | 01/09/2020 | 16:14     |
| 16  | CCB2            |                   | 1  | 100                 | 100            |         | 2.03     | 0.000          | 0.000 | 0.000                 | 0.000  | 01/09/2020 | 16:15     |