

# Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB111323

pH Meter ID: WC pH Meter-1

| Reagent/Standard                     | Lot/Log # |
|--------------------------------------|-----------|
| Calibration Std. hexchrome 0.1 ppm   | WP87242   |
| Calibration Std. hexchrome 0.05 ppm  | WP87243   |
| calibration std. hexchrome 0.01 ppm  | WP87244   |
| calibration std. hexchrome 0 ppm     | WP87246   |
| hexavalent chromium color reagent    | WP87250   |
| 5N sulfuric acid                     | WP84066   |
| HNO3 Hex-Chrome, 5M                  | WP84067   |
| HEX LOD STD, 0.005PPM                | WP87248   |
| Hexchrome Cleaning Solution          | WP84106   |
| Hex LOQ Std, 0.01PPM                 | WP87249   |
| Calibration Std Hexachrome 0.025 ppm | WP87245   |
| Hexavalent Chromium ICV-LCS Std      | WP87247   |

Intercept: 0.0001

Slope: 0.7982

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            |         | 2.04     | 0.000          | 0.000 | 0.000                 | 10/05/2020 | 17:15     |
| 2   | CAL2   | 0.01              | 1  | 100                 | 100            |         | 2.06     | 0.000          | 0.008 | 0.008                 | 10/05/2020 | 17:16     |
| 3   | CAL3   | 0.025             | 1  | 100                 | 100            |         | 2.03     | 0.000          | 0.020 | 0.020                 | 10/05/2020 | 17:17     |
| 4   | CAL4   | 0.05              | 1  | 100                 | 100            |         | 2.07     | 0.000          | 0.040 | 0.040                 | 10/05/2020 | 17:18     |
| 5   | CAL5   | 0.1               | 1  | 100                 | 100            |         | 2.05     | 0.000          | 0.080 | 0.080                 | 10/05/2020 | 17:19     |
| 6   | CAL6   | 0.5               | 1  | 100                 | 100            |         | 2.08     | 0.000          | 0.400 | 0.400                 | 10/05/2020 | 17:20     |
| 7   | CAL7   | 1                 | 1  | 100                 | 100            |         | 2.06     | 0.000          | 0.798 | 0.798                 | 10/05/2020 | 17:21     |

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|-----|-------------|-------------------|----|---------------------|----------------|---------|----------|----------------|-------|-----------------------|--------|------------|-----------|
|     |             |                   |    |                     |                |         |          | Backgrnd       | Color |                       |        |            |           |
| 1   | ICV         | 0.5               | 1  | 100                 | 100            |         | 2.04     | 0.000          | 0.384 | 0.384                 | 0.481  | 10/05/2020 | 17:22     |
| 2   | ICB         |                   | 1  | 100                 | 100            |         | 2.06     | 0.000          | 0.000 | 0.000                 | 0.000  | 10/05/2020 | 17:23     |
| 3   | CCV1        | 0.5               | 1  | 100                 | 100            |         | 2.03     | 0.000          | 0.381 | 0.381                 | 0.477  | 10/05/2020 | 17:24     |
| 4   | CCB1        |                   | 1  | 100                 | 100            |         | 2.07     | 0.000          | 0.000 | 0.000                 | 0.000  | 10/05/2020 | 17:25     |
| 5   | LB111323BL  |                   | 1  | 100                 | 100            |         | 2.05     | 0.000          | 0.000 | 0.000                 | 0.000  | 10/05/2020 | 17:26     |
| 6   | LB111323BS  | 0.5               | 1  | 100                 | 100            |         | 2.05     | 0.000          | 0.407 | 0.407                 | 0.510  | 10/05/2020 | 17:27     |
| 7   | L4214-07    |                   | 1  | 100                 | 100            |         | 2.08     | 0.000          | 0.005 | 0.005                 | 0.006  | 10/05/2020 | 17:28     |
| 8   | L4214-08    |                   | 1  | 100                 | 100            |         | 2.02     | 0.000          | 0.009 | 0.009                 | 0.011  | 10/05/2020 | 17:29     |
| 9   | L4276-01    |                   | 1  | 100                 | 100            |         | 2.03     | 0.004          | 0.004 | 0.000                 | 0.000  | 10/05/2020 | 17:30     |
| 10  | L4276-01DUP |                   | 1  | 100                 | 100            |         | 2.04     | 0.003          | 0.003 | 0.000                 | 0.000  | 10/05/2020 | 17:31     |
| 11  | L4276-01MS  | 1                 | 2  | 100                 | 100            |         | 2.07     | 0.003          | 0.437 | 0.434                 | 0.544  | 10/05/2020 | 17:32     |
| 12  | L4276-01MSD | 1                 | 2  | 100                 | 100            |         | 2.09     | 0.003          | 0.435 | 0.432                 | 0.541  | 10/05/2020 | 17:33     |
| 13  | CCV2        | 0.5               | 1  | 100                 | 100            |         | 2.06     | 0.000          | 0.385 | 0.385                 | 0.482  | 10/05/2020 | 17:34     |
| 14  | CCB2        |                   | 1  | 100                 | 100            |         | 2.05     | 0.000          | 0.000 | 0.000                 | 0.000  | 10/05/2020 | 17:35     |