

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB120503

pH Meter ID: WC pH Meter-1

| Reagent/Standard | Lot/Log # |
|--|-----------|
| Calibration Std. hexchrome 0.1 ppm | WP97139 |
| Calibration Std. hexchrome 0.05 ppm | WP97140 |
| calibration std. hexchrome 0.01 ppm | WP97141 |
| calibration std. hexchrome 0 ppm | WP97143 |
| hexavalent chromium color reagent | WP97135 |
| 5N sulfuric acid | WP96514 |
| HNO3 Hex-Chrome, 5M | WP96513 |
| Hexchrome Cleaning Solution | WP95568 |
| Calibration Std Hexachrome 0.025 ppm | WP97142 |
| Hexavalent Chromium ICV-LCS Std | WP97144 |
| Calibration and CCV std HexChrome 0.5PPM | WP97138 |
| Calibration std HexChrome 1.0PPM | WP97137 |

Intercept: -0.0004

Slope: 0.7823

Regression: 0.999993

| Seq | Lab ID | True Value (mg/l) | DF | Initial Vol (ml) | Final Vol (ml) | pH HNO3 | pH H2SO4 | Absorb.at 540nm | | Absorbance Difference | Result (mg/L) | %D | Anal Date | Anal Time |
|-----|--------|-------------------|----|------------------|----------------|---------|----------|-----------------|-------|-----------------------|---------------|-----|------------|-----------|
| | | | | | | | | Backgrnd | Color | | | | | |
| 1 | CAL1 | 0 | 1 | 100 | 100 | | 2.05 | 0.000 | 0.000 | 0.000 | 0.000 | | 06/04/2022 | 14:20 |
| 2 | CAL2 | 0.01 | 1 | 100 | 100 | | 1.88 | 0.000 | 0.007 | 0.007 | 0.009 | 10 | 06/04/2022 | 14:21 |
| 3 | CAL3 | 0.025 | 1 | 100 | 100 | | 1.79 | 0.000 | 0.018 | 0.018 | 0.023 | 8 | 06/04/2022 | 14:22 |
| 4 | CAL4 | 0.05 | 1 | 100 | 100 | | 1.86 | 0.000 | 0.038 | 0.038 | 0.049 | 2 | 06/04/2022 | 14:23 |
| 5 | CAL5 | 0.1 | 1 | 100 | 100 | | 2.30 | 0.000 | 0.080 | 0.080 | 0.102 | -2 | 06/04/2022 | 14:24 |
| 6 | CAL6 | 0.5 | 1 | 100 | 100 | | 2.15 | 0.000 | 0.390 | 0.390 | 0.499 | 0.2 | 06/04/2022 | 14:25 |
| 7 | CAL7 | 1 | 1 | 100 | 100 | | 1.88 | 0.000 | 0.782 | 0.782 | 1.000 | 0 | 06/04/2022 | 14:26 |



Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB120503

pH Meter ID: WC pH Meter-1

| Seq | Lab ID | True Value | DF | Initial Vol (ml/gm) | Final Vol (ml) | pH HN03 | pH H2SO4 | Absorb.at540nm | | Absorbance Difference | Intermediate Result (mg/L) | Anal Date | Anal Time |
|-----|------------|------------|----|---------------------|----------------|---------|----------|----------------|-------|-----------------------|----------------------------|------------|-----------|
| | | | | | | | | Backgrnd | Color | | | | |
| 1 | ICV | 0.5 | 1 | 100 | 100 | | 2.30 | 0.000 | 0.390 | 0.390 | 0.499 | 06/04/2022 | 14:30 |
| 2 | ICB | | 1 | 100 | 100 | | 2.15 | 0.000 | 0.000 | 0.000 | 0.001 | 06/04/2022 | 14:31 |
| 3 | CCV1 | 0.5 | 1 | 100 | 100 | | 2.20 | 0.000 | 0.392 | 0.392 | 0.502 | 06/04/2022 | 14:32 |
| 4 | CCB1 | | 1 | 100 | 100 | | 1.74 | 0.000 | 0.000 | 0.000 | 0.001 | 06/04/2022 | 14:33 |
| 5 | RL Check | 0.01 | 1 | 100 | 100 | | 1.92 | 0.000 | 0.008 | 0.008 | 0.011 | 06/04/2022 | 14:34 |
| 6 | LB120503BL | | 1 | 100 | 100 | | 1.82 | 0.000 | 0.000 | 0.000 | 0.001 | 06/04/2022 | 14:35 |
| 7 | LB120503BS | 0.5 | 1 | 100 | 100 | | 2.25 | 0.000 | 0.405 | 0.405 | 0.518 | 06/04/2022 | 14:36 |
| 8 | N3170-07 | | 1 | 100 | 100 | | 2.18 | 0.000 | 0.000 | 0.000 | 0.001 | 06/04/2022 | 14:37 |
| 9 | CCV2 | 0.5 | 1 | 100 | 100 | | 2.36 | 0.000 | 0.392 | 0.392 | 0.502 | 06/04/2022 | 14:38 |
| 10 | CCB2 | | 1 | 100 | 100 | | 2.24 | 0.000 | 0.000 | 0.000 | 0.001 | 06/04/2022 | 14:38 |

WORKLIST(Hardcopy Internal Chain)

LB 120503

WorkList Name : hex6322-2 WorkList ID : 160197 Department : Wet-Chemistry Date : 06-02-2022 17:28:26

| Due Date | Matrix | Sample | Test | Preservative | Customer | Raw Sample Storage Location | Customer Sample | Collect Date | Method |
|------------|--------|----------|---------------------|--------------|----------|-----------------------------|------------------------|--------------|--------|
| 06/09/2022 | Water | N3170-07 | Hexavalent Chromium | Ammonium sul | AQUA04 | N11 | 20220409-FIELD-BLANK-2 | 06/01/2022 | 7196A |

Date/Time 06/04/22 13:30
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: KS (WC)

Date/Time 06/04/22 14:45
 Raw Sample Received by: KS (WC)
 Raw Sample Relinquished by: KS (WC)