

Alytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB111436

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP87419
Calibration Std. hexchrome 0.05 ppm	WP87420
calibration std. hexchrome 0.01 ppm	WP87424
calibration std. hexchrome 0 ppm	WP87421
hexavalent chromium color reagent	WP87425
5N sulfuric acid	WP84066
HNO3 Hex-Chrome, 5M	WP84067
Hexchrome Cleaning Solution	WP84106
Calibration Std Hexachrome 0.025 ppm	WP87422
Hexavalent Chromium ICV-LCS Std	WP87423
Calibration and CCV std HexChrome 0.5PPM	WP87418
Calibration std HexChrome 1.0PPM	WP87417

Intercept: -0.0001

Slope: 0.8005

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		2.04	0.000	0.000	0.000	10/12/2020	14:05
2	CAL2	0.01	1	100	100		2.06	0.000	0.008	0.008	10/12/2020	14:06
3	CAL3	0.025	1	100	100		2.03	0.000	0.020	0.020	10/12/2020	14:07
4	CAL4	0.05	1	100	100		2.07	0.000	0.039	0.039	10/12/2020	14:08
5	CAL5	0.1	1	100	100		2.05	0.000	0.080	0.080	10/12/2020	14:09
6	CAL6	0.5	1	100	100		2.08	0.000	0.401	0.401	10/12/2020	14:10
7	CAL7	1	1	100	100		2.02	0.000	0.800	0.800	10/12/2020	14:11

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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		2.04	0.000	0.383	0.383	0.479	10/12/2020	14:12
2	ICB		1	100	100		2.06	0.000	0.000	0.000	0.000	10/12/2020	14:13
3	CCV1	0.5	1	100	100		2.03	0.000	0.381	0.381	0.476	10/12/2020	14:14
4	CCB1		1	100	100		2.07	0.000	0.000	0.000	0.000	10/12/2020	14:15
5	PB132249BL		1	2.54	100	7.04	2.05	0.000	0.000	0.000	0.000	10/12/2020	14:16
6	PB132249BS	20	1	2.53	100	7.06	2.08	0.000	0.353	0.353	0.441	10/12/2020	14:17
7	L4225-05		1	2.55	100	7.05	2.02	0.017	0.017	0.000	0.000	10/12/2020	14:18
8	L4316-01		1	2.53	100	7.03	2.08	0.022	0.024	0.002	0.003	10/12/2020	14:19
9	L4316-01DUP		1	2.52	100	7.08	2.07	0.021	0.023	0.002	0.003	10/12/2020	14:20
10	L4316-01MSPre	40	2	2.51	100	7.09	2.09	0.018	0.358	0.340	0.425	10/12/2020	14:21
11	L4316-01MS2Ins	1284	40	2.53	100	7.07	2.07	0.016	0.655	0.639	0.798	10/12/2020	14:22
12	L4316-01MS3Post	40	2	2.54	100	7.05	2.04	0.017	0.410	0.393	0.491	10/12/2020	14:23
13	L4316-03		1	2.56	100	7.04	2.03	0.085	0.087	0.002	0.003	10/12/2020	14:24
14	L4317-01		1	2.55	100	7.06	2.05	0.020	0.021	0.001	0.001	10/12/2020	14:25
15	CCV2	0.5	1	100	100		2.07	0.000	0.382	0.382	0.477	10/12/2020	14:26
16	CCB2		1	100	100		2.05	0.000	0.000	0.000	0.000	10/12/2020	14:27
17	L4317-03		1	2.57	100	7.08	2.03	0.069	0.070	0.001	0.001	10/12/2020	14:28
18	L4318-01		1	2.59	100	7.04	2.04	0.075	0.077	0.002	0.003	10/12/2020	14:29
19	L4319-01		1	2.58	100	7.03	2.07	0.045	0.046	0.001	0.001	10/12/2020	14:30
20	L4319-03		1	2.56	100	7.02	2.09	0.037	0.039	0.002	0.003	10/12/2020	14:31
21	L4340-01		1	2.58	100	7.06	2.02	0.011	0.015	0.004	0.005	10/12/2020	14:32
22	L4340-03		1	2.57	100	7.05	2.04	0.016	0.021	0.005	0.006	10/12/2020	14:33
23	CCV3	0.5	1	100	100		2.06	0.000	0.384	0.384	0.480	10/12/2020	14:34
24	CCB3		1	100	100		2.04	0.000	0.000	0.000	0.000	10/12/2020	14:35