

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Aparna

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB101290

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP72417
Calibratation STD Hexa Chrome 0.5 PPM	WP72418
Calibration Std. hexchrome 0.1 ppm	WP72423
Calibration Std. hexchrome 0.05 ppm	WP72422
calibration std. hexchrome 0.01 ppm	WP72421
calibration std. hexchrome 0 ppm	WP72420
Hexavalent Chromium ICV Std.	WP72425
Hexavalent Chromium CCV Std	WP72424
hexavalent chromium color reagent	WP72409
5N sulfuric acid	WP70044
Calibration std Hexachrome, 0.025ppm	WP72419
HNO3 Hex-Chrome, 5M	WP70045

Intercept: -0.0002

Slope: 0.7735

Regression: 0.999984

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		2.02	0.000	0.000	0.000	03/11/2019	12:00
2	CAL2	0.01	1	100	100		2.12	0.000	0.007	0.007	03/11/2019	12:00
3	CAL3	0.025	1	100	100		2.19	0.000	0.017	0.017	03/11/2019	12:01
4	CAL4	0.05	1	100	100		1.60	0.000	0.038	0.038	03/11/2019	12:01
5	CAL5	0.1	1	100	100		1.55	0.000	0.079	0.079	03/11/2019	12:02
6	CAL6	0.5	1	100	100		2.01	0.000	0.389	0.389	03/11/2019	12:02
7	CAL7	1	1	100	100		1.69	0.000	0.772	0.772	03/11/2019	12:03

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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		2.17	0.000	0.391	0.391	0.506	03/11/2019	12:03
2	ICB		1	100	100		1.89	0.000	0.000	0.000	0.000	03/11/2019	12:04
3	CCV1	0.5	1	100	100		2.36	0.000	0.392	0.392	0.507	03/11/2019	12:04
4	CCB1		1	100	100		1.75	0.000	0.000	0.000	0.000	03/11/2019	12:05
5	PB117800BL		1	2.50	100	7.12	1.62	0.000	0.000	0.000	0.000	03/11/2019	12:05
6	PB117800BS	20	1	2.51	100	7.03	1.70	0.008	0.355	0.347	0.449	03/11/2019	12:06
7	K1689-01		1	2.52	100	7.09	2.10	0.018	0.018	0.000	0.000	03/11/2019	12:06
8	K1689-01DUP		1	2.51	100	7.16	2.03	0.019	0.019	0.000	0.000	03/11/2019	12:07
9	K1689-01MSPre	40	2	2.50	100	7.14	1.85	0.010	0.349	0.339	0.439	03/11/2019	12:07
10	K1689-01MS2Ins	1284	40	2.53	100	7.50	1.90	0.010	0.610	0.600	0.776	03/11/2019	12:08
11	K1689-01MS3Post	40	2	2.51	100	7.32	2.23	0.008	0.349	0.341	0.441	03/11/2019	12:08
12	K1691-01		1	2.51	100	7.12	1.98	0.032	0.032	0.000	0.000	03/11/2019	12:09
13	K1691-03		1	2.50	100	7.32	1.87	0.019	0.019	0.000	0.000	03/11/2019	12:09
14	K1691-05		1	2.53	100	7.45	2.32	0.016	0.016	0.000	0.000	03/11/2019	12:10
15	CCV2	0.5	1	100	100		1.56	0.000	0.392	0.392	0.507	03/11/2019	12:10
16	CCB2		1	100	100		1.56	0.000	0.000	0.000	0.000	03/11/2019	12:11
17	K1691-07		1	2.51	100	7.56	2.32	0.009	0.009	0.000	0.000	03/11/2019	12:11
18	K1692-01		1	2.55	100	7.08	1.80	0.013	0.013	0.000	0.000	03/11/2019	12:12
19	K1822-02		1	2.54	100	7.86	1.55	0.011	0.011	0.000	0.000	03/11/2019	12:12
20	K1823-01		1	2.53	100	7.20	1.63	0.157	0.157	0.000	0.000	03/11/2019	12:13
21	K1835-03		1	2.52	100	7.35	1.70	0.026	0.026	0.000	0.000	03/11/2019	12:13
22	CCV3	0.5	1	100	100		1.62	0.000	0.392	0.392	0.507	03/11/2019	12:14
23	CCB3		1	100	100		1.78	0.000	0.000	0.000	0.000	03/11/2019	12:14