

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Priscilla

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB90349

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP58294
Calibration Std. hexchrome 0.05 ppm	WP58293
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP58296
Calibratation STD Hexa Chrome 0.5 PPM	WP58295
calibration std. hexchrome 0.01 ppm	WP58291
calibration std. hexchrome 0 ppm	WP58290
Hexavalent Chromium ICV Std.	WP58297
Hexavalent Chromium CCV Std	WP58298
hexavalent chromium color reagent	WP58234
HNO3 Hex-Chrome, 5M	WP58193
Calibration std Hexachrome, 0.025ppm	WP58292

Intercept: 0.0002

Slope: 0.775

Regression: 0.999944

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		1.95	0.000	0.000	0.000	09/27/2017	11:20
2	CAL2	0.01	1	100	100		1.84	0.000	0.007	0.007	09/27/2017	11:20
3	CAL3	0.025	1	100	100		2.03	0.000	0.017	0.017	09/27/2017	11:21
4	CAL4	0.05	1	100	100		1.96	0.000	0.039	0.039	09/27/2017	11:21
5	CAL5	0.1	1	100	100		2.32	0.000	0.078	0.078	09/27/2017	11:22
6	CAL6	0.5	1	100	100		1.74	0.000	0.394	0.394	09/27/2017	11:22
7	CAL7	1	1	100	100		2.16	0.000	0.772	0.772	09/27/2017	11:23



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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		1.85	0.000	0.393	0.393	0.507	09/27/2017	11:23
2	ICB		1	100	100		1.95	0.000	0.000	0.000	0.000	09/27/2017	11:24
3	CCV1	0.5	1	100	100		2.06	0.000	0.392	0.392	0.506	09/27/2017	11:24
4	CCB1		1	100	100		2.41	0.000	0.000	0.000	0.000	09/27/2017	11:25
5	PB102647BL		1	2.55	100	7.15	1.96	0.000	0.000	0.000	0.000	09/27/2017	11:25
6	PB102647BS	20	1	2.55	100	7.85	1.99	0.017	0.431	0.414	0.534	09/27/2017	11:26
7	I5433-01		1	2.52	100	7.62	2.25	0.024	0.024	0.000	0.000	09/27/2017	11:26
8	I5433-01DUP		1	2.51	100	7.41	2.14	0.025	0.025	0.000	0.000	09/27/2017	11:27
9	I5433-01MSPre	40	2	2.52	100	7.92	1.69	0.024	0.428	0.404	0.521	09/27/2017	11:27
10	I5433-01MS2Ins	1284	40	2.53	100	7.32	1.74	0.023	0.627	0.604	0.779	09/27/2017	11:28
11	I5433-01MS3Post	40	2	2.54	100	7.77	1.65	0.032	0.449	0.417	0.538	09/27/2017	11:28
12	I5444-01		1	2.55	100	7.45	2.02	0.026	0.026	0.000	0.000	09/27/2017	11:29
13	I5444-04		1	2.50	100	7.24	2.22	0.008	0.017	0.009	0.011	09/27/2017	11:29
14	I5445-01		1	2.53	100	7.85	1.95	0.002	0.003	0.001	0.001	09/27/2017	11:30
15	CCV2	0.5	1	100	100		1.92	0.000	0.392	0.392	0.506	09/27/2017	11:30
16	CCB2		1	100	100		1.85	0.000	0.000	0.000	0.000	09/27/2017	11:31
17	I5445-04		1	2.52	100	7.29	2.31	0.037	0.037	0.000	0.000	09/27/2017	11:31
18	I5445-07		1	2.50	100	7.12	1.78	0.023	0.024	0.001	0.001	09/27/2017	11:32
19	CCV3	0.5	1	100	100		2.07	0.000	0.392	0.392	0.506	09/27/2017	11:32
20	CCB3		1	100	100		1.66	0.000	0.000	0.000	0.000	09/27/2017	11:33