

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Priscilla

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB90292

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP58227
Calibration Std. hexchrome 0.05 ppm	WP58226
Hexavalent Chromium LCS Std	WP58231
Calibratation STD HexaChrome 1 PPM	WP58229
Calibratation STD Hexa Chrome 0.5 PPM	WP58228
calibration std. hexchrome 0.01 ppm	WP58224
calibration std. hexchrome 0 ppm	WP58209
Hexavalent Chromium ICV Std.	WP58232
Hexavalent Chromium CCV Std	WP58233
hexavalent chromium color reagent	WP58042
HNO3 Hex-Chrome, 5M	WP58193
Calibration std Hexachrome, 0.025ppm	WP58225

Intercept: 0.0008

Slope: 0.7747

Regression: 0.999929

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	09/25/2017	13:00
2	CAL2	0.01	1	100	100		1.84	0.000	0.008	0.008	09/25/2017	13:00
3	CAL3	0.025	1	100	100		2.02	0.000	0.017	0.017	09/25/2017	13:01
4	CAL4	0.05	1	100	100		1.74	0.000	0.039	0.039	09/25/2017	13:01
5	CAL5	0.1	1	100	100		2.25	0.000	0.080	0.080	09/25/2017	13:02
6	CAL6	0.5	1	100	100		1.63	0.000	0.395	0.395	09/25/2017	13:02
7	CAL7	1	1	100	100		1.98	0.000	0.772	0.772	09/25/2017	13:03



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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		1.69	0.000	0.394	0.394	0.508	09/25/2017	13:03
2	ICB		1	100	100		1.98	0.000	0.000	0.000	-0.001	09/25/2017	13:04
3	CCV1	0.5	1	100	100		2.03	0.000	0.395	0.395	0.509	09/25/2017	13:04
4	CCB1		1	100	100		2.24	0.000	0.000	0.000	-0.001	09/25/2017	13:05
5	PB102564BL		1	2.55	100	7.36	1.97	0.000	0.000	0.000	-0.001	09/25/2017	13:05
6	PB102564BS	20	1	2.55	100	7.41	1.68	0.000	0.332	0.332	0.428	09/25/2017	13:06
7	I5380-01		1	2.54	100	7.54	2.14	0.020	0.021	0.001	0.000	09/25/2017	13:06
8	I5388-01		1	2.54	100	7.85	1.74	0.021	0.021	0.000	-0.001	09/25/2017	13:07
9	I5391-01		1	2.50	100	7.41	2.13	0.009	0.009	0.000	-0.001	09/25/2017	13:07
10	I5391-01DUP		1	2.51	100	7.77	2.35	0.006	0.006	0.000	-0.001	09/25/2017	13:08
11	I5391-01MSPre	40	2	2.52	100	7.21	1.69	0.009	0.290	0.281	0.362	09/25/2017	13:08
12	I5391-01MS2Ins	1284	40	2.54	100	7.36	2.09	0.009	0.610	0.601	0.775	09/25/2017	13:09
13	I5391-01MS3Post	40	2	2.55	100	7.82	2.38	0.007	0.311	0.304	0.391	09/25/2017	13:09
14	I5394-01		1	2.50	100	7.65	1.96	0.002	0.005	0.003	0.003	09/25/2017	13:10
15	CCV2	0.5	1	100	100		1.88	0.000	0.396	0.396	0.510	09/25/2017	13:10
16	CCB2		1	100	100		1.59	0.000	0.000	0.000	-0.001	09/25/2017	13:11
17	I5394-04		1	2.53	100	7.95	2.17	0.027	0.028	0.001	0.000	09/25/2017	13:11
18	I5394-07		1	2.53	100	7.74	2.22	0.018	0.018	0.000	-0.001	09/25/2017	13:12
19	I5395-01		1	2.51	100	7.62	1.75	0.047	0.047	0.000	-0.001	09/25/2017	13:12
20	I5395-04		1	2.53	100	7.34	1.82	0.019	0.019	0.000	-0.001	09/25/2017	13:13
21	I5395-07		1	2.54	100	7.11	2.09	0.024	0.025	0.001	0.000	09/25/2017	13:13
22	I5395-10		1	2.51	100	7.32	2.41	0.029	0.030	0.001	0.000	09/25/2017	13:14
23	I5395-13		1	2.51	100	7.85	2.36	0.040	0.041	0.001	0.000	09/25/2017	13:14
24	I5395-16		1	2.55	100	7.61	1.95	0.022	0.023	0.001	0.000	09/25/2017	13:15
25	CCV3	0.5	1	100	100		2.06	0.000	0.396	0.396	0.510	09/25/2017	13:15
26	CCB3		1	100	100		2.04	0.000	0.000	0.000	-0.001	09/25/2017	13:16