

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Priscilla

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB90522

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP58493
Calibration Std. hexchrome 0.05 ppm	WP58492
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP58495
Calibratation STD Hexa Chrome 0.5 PPM	WP58494
calibration std. hexchrome 0.01 ppm	WP58490
calibration std. hexchrome 0 ppm	WP58429
Hexavalent Chromium ICV Std.	WP58496
Hexavalent Chromium CCV Std	WP58497
hexavalent chromium color reagent	WP58449
HNO3 Hex-Chrome, 5M	WP58193
Calibration std Hexachrome, 0.025ppm	WP58491

Intercept: 0.0004

Slope: 0.7763

Regression: 0.99996

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		1.66	0.000	0.000	0.000	10/03/2017	13:00
2	CAL2	0.01	1	100	100		2.02	0.000	0.007	0.007	10/03/2017	13:00
3	CAL3	0.025	1	100	100		2.32	0.000	0.019	0.019	10/03/2017	13:01
4	CAL4	0.05	1	100	100		1.98	0.000	0.038	0.038	10/03/2017	13:01
5	CAL5	0.1	1	100	100		1.65	0.000	0.079	0.079	10/03/2017	13:02
6	CAL6	0.5	1	100	100		2.04	0.000	0.394	0.394	10/03/2017	13:02
7	CAL7	1	1	100	100		2.24	0.000	0.774	0.774	10/03/2017	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	0.393	0.393	0.506	10/03/2017	13:03
2	ICB		1	100	100		2.03	0.000	0.000	0.000	-0.001	10/03/2017	13:04
3	CCV1	0.5	1	100	100		2.11	0.000	0.394	0.394	0.507	10/03/2017	13:04
4	CCB1		1	100	100		1.96	0.000	0.000	0.000	-0.001	10/03/2017	13:05
5	PB102882BL		1	2.52	100	7.20	1.65	0.000	0.000	0.000	-0.001	10/03/2017	13:05
6	PB102882BS	20	1	2.55	100	7.84	2.03	0.020	0.361	0.341	0.439	10/03/2017	13:06
7	I5432-01		1	2.51	100	7.94	2.41	0.028	0.028	0.000	-0.001	10/03/2017	13:06
8	I5587-01		1	2.52	100	7.64	1.77	0.020	0.021	0.001	0.001	10/03/2017	13:07
9	I5587-03		1	2.52	100	7.52	1.58	0.016	0.016	0.000	-0.001	10/03/2017	13:07
10	I5587-05		1	2.52	100	7.26	1.68	0.032	0.033	0.001	0.001	10/03/2017	13:08
11	I5587-07		1	2.51	100	7.13	1.79	0.070	0.071	0.001	0.001	10/03/2017	13:08
12	I5598-01		1	2.55	100	7.66	2.13	0.038	0.039	0.001	0.001	10/03/2017	13:09
13	I5598-01DUP		1	2.54	100	7.25	2.22	0.039	0.040	0.001	0.001	10/03/2017	13:09
14	I5598-01MSPre	40	2	2.51	100	7.48	1.85	0.029	0.315	0.286	0.368	10/03/2017	13:10
15	CCV2	0.5	1	100	100		1.98	0.000	0.394	0.394	0.507	10/03/2017	13:10
16	CCB2		1	100	100		2.00	0.000	0.000	0.000	-0.001	10/03/2017	13:11
17	I5598-01MS2Ins	1284	40	2.52	100	7.36	2.31	0.000	0.643	0.643	0.828	10/03/2017	13:11
18	I5598-01MS3Post	40	2	2.53	100	7.77	2.47	0.037	0.271	0.234	0.301	10/03/2017	13:12
19	I5601-01		1	2.55	100	7.48	1.67	0.038	0.039	0.001	0.001	10/03/2017	13:12
20	I5604-01		1	2.54	100	7.65	1.65	0.018	0.019	0.001	0.001	10/03/2017	13:13
21	I5604-04		1	2.55	100	7.32	2.08	0.035	0.035	0.000	-0.001	10/03/2017	13:13
22	I5605-01		1	2.52	100	7.13	2.16	0.038	0.039	0.001	0.001	10/03/2017	13:14
23	I5610-01		1	2.53	100	7.47	2.01	0.051	0.052	0.001	0.001	10/03/2017	13:14
24	I5610-02		1	2.51	100	7.65	1.96	0.082	0.083	0.001	0.001	10/03/2017	13:15
25	I5610-03		1	2.55	100	7.25	1.65	0.128	0.129	0.001	0.001	10/03/2017	13:15
26	I5610-04		1	2.55	100	7.38	1.73	0.059	0.060	0.001	0.001	10/03/2017	13:16
27	CCV3	0.5	1	100	100		2.05	0.000	0.394	0.394	0.507	10/03/2017	13:16
28	CCB3		1	100	100		2.39	0.000	0.000	0.000	-0.001	10/03/2017	13:17