

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Priscilla

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB90561

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP58531
Calibration Std. hexchrome 0.05 ppm	WP58530
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP58533
Calibratation STD Hexa Chrome 0.5 PPM	WP58532
calibration std. hexchrome 0.01 ppm	WP58528
calibration std. hexchrome 0 ppm	WP58527
Hexavalent Chromium ICV Std.	WP58534
Hexavalent Chromium CCV Std	WP58535
hexavalent chromium color reagent	WP58449
HNO3 Hex-Chrome, 5M	WP58193
Calibration std Hexachrome, 0.025ppm	WP58529

Intercept: 0.0008

Slope: 0.7755

Regression: 0.999943

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		1.69	0.000	0.000	0.000	10/04/2017	13:40
2	CAL2	0.01	1	100	100		2.03	0.000	0.008	0.008	10/04/2017	13:40
3	CAL3	0.025	1	100	100		1.85	0.000	0.018	0.018	10/04/2017	13:41
4	CAL4	0.05	1	100	100		1.98	0.000	0.039	0.039	10/04/2017	13:41
5	CAL5	0.1	1	100	100		2.11	0.000	0.079	0.079	10/04/2017	13:42
6	CAL6	0.5	1	100	100		1.74	0.000	0.395	0.395	10/04/2017	13:42
7	CAL7	1	1	100	100		2.12	0.000	0.773	0.773	10/04/2017	13:43



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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		1.63	0.000	0.394	0.394	0.507	10/04/2017	13:43
2	ICB		1	100	100		1.95	0.000	0.000	0.000	-0.001	10/04/2017	13:44
3	CCV1	0.5	1	100	100		2.32	0.000	0.395	0.395	0.508	10/04/2017	13:44
4	CCB1		1	100	100		2.14	0.000	0.000	0.000	-0.001	10/04/2017	13:45
5	PB102902BL		1	2.53	100	7.32	2.41	0.000	0.000	0.000	-0.001	10/04/2017	13:45
6	PB102902BS	20	1	2.54	100	7.84	1.65	0.011	0.385	0.374	0.481	10/04/2017	13:46
7	I5586-01		1	2.50	100	7.41	1.97	0.017	0.017	0.000	-0.001	10/04/2017	13:46
8	I5586-01DUP		1	2.55	100	7.83	1.72	0.016	0.017	0.001	0.000	10/04/2017	13:47
9	I5586-01MSPre	40	2	2.53	100	7.33	2.03	0.030	0.180	0.150	0.192	10/04/2017	13:47
10	I5586-01MS2Ins	1284	40	2.53	100	7.12	1.62	0.000	0.644	0.644	0.829	10/04/2017	13:48
11	I5586-01MS3Post	40	2	2.52	100	7.49	2.25	0.023	0.360	0.337	0.434	10/04/2017	13:48
12	I5586-03		1	2.51	100	7.51	1.85	0.005	0.006	0.001	0.000	10/04/2017	13:49
13	I5586-05		1	2.54	100	7.42	1.79	0.002	0.009	0.007	0.008	10/04/2017	13:49
14	I5586-07		1	2.50	100	7.63	2.04	0.029	0.029	0.000	-0.001	10/04/2017	13:50
15	CCV2	0.5	1	100	100		2.22	0.000	0.395	0.395	0.508	10/04/2017	13:50
16	CCB2		1	100	100		1.56	0.000	0.000	0.000	-0.001	10/04/2017	13:51
17	I5586-09		1	2.55	100	7.20	1.94	0.015	0.016	0.001	0.000	10/04/2017	13:51
18	I5586-11		1	2.51	100	7.39	1.99	0.028	0.029	0.001	0.000	10/04/2017	13:52
19	I5586-13		1	2.51	100	7.86	2.11	0.030	0.030	0.000	-0.001	10/04/2017	13:52
20	I5586-15		1	2.55	100	7.77	2.43	0.033	0.034	0.001	0.000	10/04/2017	13:53
21	I5586-17		1	2.53	100	7.19	1.83	0.024	0.024	0.000	-0.001	10/04/2017	13:53
22	I5586-19		1	2.55	100	7.93	2.31	0.052	0.053	0.001	0.000	10/04/2017	13:54
23	I5616-01		1	2.50	100	7.32	2.17	0.030	0.031	0.001	0.000	10/04/2017	13:54
24	I5616-05		1	2.55	100	7.14	1.64	0.039	0.039	0.000	-0.001	10/04/2017	13:55
25	I5637-01		1	2.50	100	7.89	1.82	0.052	0.052	0.000	-0.001	10/04/2017	13:55
26	I5644-01		1	2.55	100	7.32	2.09	0.026	0.026	0.000	-0.001	10/04/2017	13:56
27	CCV3	0.5	1	100	100		1.71	0.000	0.394	0.394	0.507	10/04/2017	13:56
28	CCB3		1	100	100		1.77	0.000	0.000	0.000	-0.001	10/04/2017	13:57
29	I5644-05		1	2.55	100	7.53	2.34	0.035	0.036	0.001	0.000	10/04/2017	13:57
30	I5644-09		1	2.55	100	7.11	1.86	0.031	0.032	0.001	0.000	10/04/2017	13:58
31	I5644-13		1	2.55	100	7.92	1.88	0.029	0.030	0.001	0.000	10/04/2017	13:58
32	I5647-01		1	2.52	100	7.32	2.35	0.036	0.036	0.000	-0.001	10/04/2017	13:59
33	CCV4	0.5	1	100	100		2.38	0.000	0.395	0.395	0.508	10/04/2017	13:59
34	CCB4		1	100	100		1.87	0.000	0.000	0.000	-0.001	10/04/2017	14:00