

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Priscilla

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB90596

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP58559
Calibration Std. hexchrome 0.05 ppm	WP58558
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP58561
Calibratation STD Hexa Chrome 0.5 PPM	WP58560
calibration std. hexchrome 0.01 ppm	WP58556
calibration std. hexchrome 0 ppm	WP58555
Hexavalent Chromium ICV Std.	WP58562
Hexavalent Chromium CCV Std	WP58563
hexavalent chromium color reagent	WP58449
HNO3 Hex-Chrome, 5M	WP58193
Calibration std Hexachrome, 0.025ppm	WP58557

Intercept: 0

Slope: 0.7767

Regression: 0.999956

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		1.68	0.000	0.000	0.000	10/05/2017	11:50
2	CAL2	0.01	1	100	100		2.03	0.000	0.008	0.008	10/05/2017	11:50
3	CAL3	0.025	1	100	100		1.74	0.000	0.017	0.017	10/05/2017	11:51
4	CAL4	0.05	1	100	100		1.98	0.000	0.038	0.038	10/05/2017	11:51
5	CAL5	0.1	1	100	100		2.12	0.000	0.078	0.078	10/05/2017	11:52
6	CAL6	0.5	1	100	100		1.83	0.000	0.394	0.394	10/05/2017	11:52
7	CAL7	1	1	100	100		2.34	0.000	0.774	0.774	10/05/2017	11:53

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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		1.68	0.000	0.395	0.395	0.509	10/05/2017	11:53
2	ICB		1	100	100		2.31	0.000	0.000	0.000	0.000	10/05/2017	11:54
3	CCV1	0.5	1	100	100		1.97	0.000	0.394	0.394	0.507	10/05/2017	11:54
4	CCB1		1	100	100		2.31	0.000	0.000	0.000	0.000	10/05/2017	11:55
5	PB102949BL		1	2.55	100	7.21	1.76	0.000	0.000	0.000	0.000	10/05/2017	11:55
6	PB102949BS	20	1	2.53	100	7.65	2.03	0.003	0.355	0.352	0.453	10/05/2017	11:56
7	I5658-01		1	2.51	100	7.89	1.86	0.021	0.021	0.000	0.000	10/05/2017	11:56
8	I5658-01DUP		1	2.52	100	7.22	2.33	0.020	0.021	0.001	0.001	10/05/2017	11:57
9	I5658-01MSPre	40	2	2.53	100	7.34	1.76	0.018	0.072	0.054	0.070	10/05/2017	11:57
10	I5658-01MS2Ins	1284	40	2.53	100	7.69	1.74	0.000	0.643	0.643	0.828	10/05/2017	11:58
11	I5658-01MS3Post	40	2	2.52	100	7.48	1.89	0.016	0.160	0.144	0.185	10/05/2017	11:58
12	I5678-01		1	2.55	100	7.12	2.12	0.007	0.007	0.000	0.000	10/05/2017	11:59
13	CCV2	0.5	1	100	100		2.44	0.000	0.395	0.395	0.509	10/05/2017	11:59
14	CCB2		1	100	100		2.37	0.000	0.000	0.000	0.000	10/05/2017	12:00