

Analytical Summary Report

Analysis Method: 7196A

ANALYST: sweta

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB97701

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP67521
Calibration Std. hexchrome 0.05 ppm	WP67519
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP67524
Calibratation STD Hexa Chrome 0.5 PPM	WP67522
calibration std. hexchrome 0.01 ppm	WP67517
calibration std. hexchrome 0 ppm	WP67508
Hexavalent Chromium ICV Std.	WP67526
Hexavalent Chromium CCV Std	WP67525
hexavalent chromium color reagent	WP67424
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP67518

Intercept: 0.0008

Slope: 0.7684

Regression: 0.999974

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		2.15	0.000	0.000	0.000	09/04/2018	11:40
2	CAL2	0.01	1	100	100		2.10	0.000	0.007	0.007	09/04/2018	11:40
3	CAL3	0.025	1	100	100		1.99	0.000	0.019	0.019	09/04/2018	11:41
4	CAL4	0.05	1	100	100		1.86	0.000	0.039	0.039	09/04/2018	11:41
5	CAL5	0.1	1	100	100		2.06	0.000	0.079	0.079	09/04/2018	11:42
6	CAL6	0.5	1	100	100		2.14	0.000	0.389	0.389	09/04/2018	11:42
7	CAL7	1	1	100	100		1.88	0.000	0.767	0.767	09/04/2018	11:43

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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		1.89	0.000	0.390	0.390	0.507	09/04/2018	11:43
2	ICB		1	100	100		2.10	0.000	0.000	0.000	-0.001	09/04/2018	11:44
3	CCV1	0.5	1	100	100		1.96	0.000	0.390	0.390	0.507	09/04/2018	11:44
4	CCB1		1	100	100		2.05	0.000	0.000	0.000	-0.001	09/04/2018	11:45
5	PB112585BL		1	2.50	100	7.22	2.10	0.000	0.000	0.000	-0.001	09/04/2018	11:45
6	PB112585BS	20	1	2.50	100	7.46	1.89	0.000	0.360	0.360	0.467	09/04/2018	11:46
7	J4747-03		1	2.55	100	7.56	1.99	0.006	0.006	0.000	-0.001	09/04/2018	11:46
8	J4756-01		1	2.50	100	7.12	1.86	0.009	0.010	0.001	0.000	09/04/2018	11:47
9	J4756-01DUP		1	2.51	100	7.21	2.04	0.010	0.011	0.001	0.000	09/04/2018	11:47
10	J4756-01MSPre	40	2	2.53	100	7.66	2.15	0.007	0.240	0.233	0.302	09/04/2018	11:48
11	J4756-01MS2Ins	1284	40	2.53	100	7.26	1.98	0.010	0.589	0.579	0.752	09/04/2018	11:48
12	J4756-01MS3Post	40	2	2.52	100	7.49	1.88	0.008	0.331	0.323	0.419	09/04/2018	11:49
13	J4756-02		1	2.52	100	7.33	1.85	0.013	0.015	0.002	0.002	09/04/2018	11:49
14	J4757-01		1	2.50	100	7.35	1.96	0.024	0.024	0.000	-0.001	09/04/2018	11:50
15	CCV2	0.5	1	100	100		1.75	0.000	0.389	0.389	0.505	09/04/2018	11:50
16	CCB2		1	100	100		2.05	0.000	0.000	0.000	-0.001	09/04/2018	11:51
17	J4761-01		1	2.52	100	7.12	2.10	0.017	0.055	0.038	0.048	09/04/2018	11:51
18	J4761-04		1	2.53	100	7.45	2.13	0.009	0.011	0.002	0.002	09/04/2018	11:52
19	J4764-01		1	2.51	100	7.55	1.75	0.008	0.023	0.015	0.018	09/04/2018	11:52
20	CCV3	0.5	1	100	100		1.89	0.000	0.390	0.390	0.507	09/04/2018	11:53
21	CCB3		1	100	100		1.98	0.000	0.000	0.000	-0.001	09/04/2018	11:53