

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Sweta

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB96328

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP65668
Calibration Std. hexchrome 0.05 ppm	WP65667
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP65670
Calibratation STD Hexa Chrome 0.5 PPM	WP65669
calibration std. hexchrome 0.01 ppm	WP65665
calibration std. hexchrome 0 ppm	WP65664
Hexavalent Chromium ICV Std.	WP65672
Hexavalent Chromium CCV Std	WP65671
hexavalent chromium color reagent	WP65517
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP65666

Intercept: 0.0001

Slope: 0.7703

Regression: 0.999984

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		1.98	0.000	0.000	0.000	06/28/2018	12:30
2	CAL2	0.01	1	100	100		1.88	0.000	0.007	0.007	06/28/2018	12:30
3	CAL3	0.025	1	100	100		2.10	0.000	0.018	0.018	06/28/2018	12:31
4	CAL4	0.05	1	100	100		2.13	0.000	0.038	0.038	06/28/2018	12:31
5	CAL5	0.1	1	100	100		1.75	0.000	0.079	0.079	06/28/2018	12:32
6	CAL6	0.5	1	100	100		1.85	0.000	0.388	0.388	06/28/2018	12:32
7	CAL7	1	1	100	100		1.96	0.000	0.769	0.769	06/28/2018	12:33

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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		1.75	0.000	0.389	0.389	0.505	06/28/2018	12:33
2	ICB		1	100	100		1.98	0.000	0.000	0.000	0.000	06/28/2018	12:34
3	CCV1	0.5	1	100	100		2.06	0.000	0.389	0.389	0.505	06/28/2018	12:34
4	CCB1		1	100	100		2.10	0.000	0.000	0.000	0.000	06/28/2018	12:35
5	PB110698BL		1	2.55	100	7.42	1.98	0.000	0.000	0.000	0.000	06/28/2018	12:35
6	PB110698BS	20	1	2.55	100	7.23	1.79	0.000	0.379	0.379	0.492	06/28/2018	12:36
7	J3746-01		1	2.52	100	7.41	1.85	0.054	0.056	0.002	0.002	06/28/2018	12:36
8	J3746-03		1	2.50	100	7.11	1.92	0.040	0.041	0.001	0.001	06/28/2018	12:37
9	J3747-01		1	2.55	100	7.26	1.73	0.011	0.013	0.002	0.002	06/28/2018	12:37
10	J3749-02		1	2.55	100	7.36	2.01	0.024	0.024	0.000	0.000	06/28/2018	12:38
11	J3749-02DUP		1	2.50	100	7.08	2.10	0.025	0.025	0.000	0.000	06/28/2018	12:38
12	J3749-03Pre	40	2	2.53	100	7.42	1.79	0.024	0.186	0.162	0.210	06/28/2018	12:39
13	J3749-032Ins	1284	40	2.53	100	7.41	1.88	0.020	0.612	0.592	0.768	06/28/2018	12:39
14	J3749-033Post	40	2	2.53	100	7.22	1.96	0.025	0.288	0.263	0.341	06/28/2018	12:40
15	CCV2	0.5	1	100	100		1.74	0.000	0.389	0.389	0.505	06/28/2018	12:40
16	CCB2		1	100	100		1.69	0.000	0.000	0.000	0.000	06/28/2018	12:41
17	J3749-04	40	2	2.50	100	7.42	1.79	0.024	0.186	0.162	0.210	06/28/2018	12:41
18	J3749-06		1	2.55	100	7.11	2.13	0.002	0.010	0.008	0.010	06/28/2018	12:42
19	CCV3	0.5	1	100	100		1.74	0.000	0.390	0.390	0.506	06/28/2018	12:42
20	CCB3		1	100	100		1.85	0.000	0.000	0.000	0.000	06/28/2018	12:43