

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Sweta

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB94710

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP63800
Calibration Std. hexchrome 0.05 ppm	WP63799
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP63802
Calibratation STD Hexa Chrome 0.5 PPM	WP63801
calibration std. hexchrome 0.01 ppm	WP63797
calibration std. hexchrome 0 ppm	WP63796
Hexavalent Chromium ICV Std.	WP63804
Hexavalent Chromium CCV Std	WP63803
hexavalent chromium color reagent	WP63707
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP63798

Intercept: 0.0001

Slope: 0.7688

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		2.05	0.000	0.000	0.000	04/18/2018	13:10
2	CAL2	0.01	1	100	100		1.94	0.000	0.007	0.007	04/18/2018	13:10
3	CAL3	0.025	1	100	100		1.76	0.000	0.017	0.017	04/18/2018	13:11
4	CAL4	0.05	1	100	100		1.56	0.000	0.038	0.038	04/18/2018	13:11
5	CAL5	0.1	1	100	100		1.88	0.000	0.079	0.079	04/18/2018	13:12
6	CAL6	0.5	1	100	100		2.31	0.000	0.388	0.388	04/18/2018	13:12
7	CAL7	1	1	100	100		2.40	0.000	0.767	0.767	04/18/2018	13:13

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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	0.390	0.390	0.507	04/18/2018	13:13
2	ICB		1	100	100		2.13	0.000	0.000	0.000	0.000	04/18/2018	13:14
3	CCV1	0.5	1	100	100		1.74	0.000	0.390	0.390	0.507	04/18/2018	17:00
4	CCB1		1	100	100		2.44	0.000	0.000	0.000	0.000	04/18/2018	17:00
5	PB108367BL		1	2.50	100	7.13	1.98	0.000	0.000	0.000	0.000	04/18/2018	17:01
6	PB108367BS	20	1	2.55	100	7.31	1.86	0.000	0.347	0.347	0.451	04/18/2018	17:01
7	J2360-01		1	2.55	100	7.16	1.65	0.002	0.002	0.000	0.000	04/18/2018	17:02
8	J2360-02		1	2.53	100	7.21	1.63	0.011	0.011	0.000	0.000	04/18/2018	17:02
9	J2360-03		1	2.50	100	7.26	2.10	0.004	0.004	0.000	0.000	04/18/2018	17:03
10	J2360-04		1	2.53	100	7.19	2.36	0.008	0.008	0.000	0.000	04/18/2018	17:03
11	J2408-01		1	2.50	100	7.10	2.15	0.004	0.004	0.000	0.000	04/18/2018	17:04
12	J2408-02		1	2.55	100	7.16	2.16	0.002	0.002	0.000	0.000	04/18/2018	17:04
13	J2408-02DUP		1	2.50	100	7.15	2.43	0.002	0.002	0.000	0.000	04/18/2018	17:05
14	J2408-02MSPre	40	2	2.53	100	7.19	1.89	0.001	0.297	0.296	0.385	04/18/2018	17:05
15	CCV2	0.5	1	100	100		1.79	0.000	0.390	0.390	0.507	04/18/2018	17:06
16	CCB2		1	100	100		1.75	0.000	0.000	0.000	0.000	04/18/2018	17:06
17	J2408-02MS2Ins	1284	40	2.53	100	7.31	1.65	0.000	0.605	0.605	0.787	04/18/2018	17:07
18	J2408-02MS3Post	40	2	2.50	100	7.18	1.69	0.003	0.333	0.330	0.429	04/18/2018	17:07
19	CCV3	0.5	1	100	100		1.98	0.000	0.391	0.391	0.508	04/18/2018	17:08
20	CCB3		1	100	100		2.10	0.000	0.000	0.000	0.000	04/18/2018	17:08