

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Sweta

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB94275

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP63225
Calibration Std. hexchrome 0.05 ppm	WP63231
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP63227
Calibratation STD Hexa Chrome 0.5 PPM	WP63226
calibration std. hexchrome 0.01 ppm	WP63222
calibration std. hexchrome 0 ppm	WP63221
Hexavalent Chromium ICV Std.	WP63229
Hexavalent Chromium CCV Std	WP63228
hexavalent chromium color reagent	WP63232
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP63223

Intercept: 0.0007

Slope: 0.7697

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		1.89	0.000	0.000	0.000	03/30/2018	12:30
2	CAL2	0.01	1	100	100		1.87	0.000	0.007	0.007	03/30/2018	12:30
3	CAL3	0.025	1	100	100		2.13	0.000	0.019	0.019	03/30/2018	12:31
4	CAL4	0.05	1	100	100		1.65	0.000	0.039	0.039	03/30/2018	12:31
5	CAL5	0.1	1	100	100		1.69	0.000	0.080	0.080	03/30/2018	12:32
6	CAL6	0.5	1	100	100		1.89	0.000	0.388	0.388	03/30/2018	13:32
7	CAL7	1	1	100	100		1.87	0.000	0.769	0.769	03/30/2018	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		1.98	0.000	0.388	0.388	0.503	03/30/2018	12:33
2	ICB		1	100	100		2.13	0.000	0.000	0.000	-0.001	03/30/2018	12:34
3	CCV1	0.5	1	100	100		1.87	0.000	0.389	0.389	0.504	03/30/2018	12:34
4	CCB1		1	100	100		1.75	0.000	0.000	0.000	-0.001	03/30/2018	12:35
5	PB107848BL		1	2.55	100	7.31	2.10	0.000	0.000	0.000	-0.001	03/30/2018	12:35
6	PB107848BS	20	1	2.50	100	7.21	1.89	0.001	0.373	0.372	0.482	03/30/2018	12:36
7	J1752-03		1	2.53	100	7.18	1.65	0.011	0.011	0.000	-0.001	03/30/2018	12:36
8	J1752-05		1	2.52	100	7.26	2.21	0.003	0.004	0.001	0.000	03/30/2018	12:37
9	J1752-07		1	2.50	100	7.32	1.85	0.008	0.008	0.000	-0.001	03/30/2018	12:37
10	J1760-09		1	2.55	100	7.12	2.15	0.018	0.018	0.000	-0.001	03/30/2018	12:38
11	J1760-09DUP		1	2.53	100	7.15	2.15	0.017	0.017	0.000	-0.001	03/30/2018	12:38
12	J1760-09MSPre	40	2	2.52	100	7.46	1.85	0.002	0.200	0.198	0.256	03/30/2018	12:39
13	J1760-09MS2Ins	1284	40	2.52	100	7.42	1.69	0.004	0.597	0.593	0.770	03/30/2018	12:39
14	J1760-09MS3Post	40	2	2.52	100	7.35	1.84	0.003	0.341	0.338	0.438	03/30/2018	12:40
15	CCV2	0.5	1	100	100		1.98	0.000	0.389	0.389	0.504	03/30/2018	12:40
16	CCB2		1	100	100		1.87	0.000	0.000	0.000	-0.001	03/30/2018	12:41
17	J2142-01		1	2.55	100	7.21	1.88	0.042	0.042	0.000	-0.001	03/30/2018	12:41
18	J2142-03		1	2.50	100	7.22	2.11	0.009	0.011	0.002	0.002	03/30/2018	12:42
19	J2142-05		1	2.52	100	7.23	2.13	0.032	0.032	0.000	-0.001	03/30/2018	12:42
20	J2142-07		1	2.53	100	7.45	1.89	0.014	0.015	0.001	0.000	03/30/2018	12:43
21	J2142-09		1	2.55	100	7.13	1.98	0.002	0.004	0.002	0.002	03/30/2018	12:43
22	J2146-01		1	2.50	100	7.12	1.87	0.009	0.009	0.000	-0.001	03/30/2018	12:44
23	J2146-03		1	2.55	100	7.41	1.69	0.001	0.002	0.001	0.000	03/30/2018	12:44
24	CCV3	0.5	1	100	100		1.56	0.000	0.390	0.390	0.506	03/30/2018	12:45
25	CCB3		1	100	100		2.14	0.000	0.000	0.000	-0.001	03/30/2018	12:45