

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Sweta

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB95190

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP64290
Calibration Std. hexchrome 0.05 ppm	WP64289
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP64292
Calibratation STD Hexa Chrome 0.5 PPM	WP64291
calibration std. hexchrome 0.01 ppm	WP64287
calibration std. hexchrome 0 ppm	WP64286
Hexavalent Chromium ICV Std.	WP64293
Hexavalent Chromium CCV Std	WP64294
hexavalent chromium color reagent	WP64299
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP64288

Intercept: 0.0003

Slope: 0.7661

Regression: 0.999961

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		2.22	0.000	0.000	0.000	05/08/2018	11:50
2	CAL2	0.01	1	100	100		1.82	0.000	0.007	0.007	05/08/2018	11:50
3	CAL3	0.025	1	100	100		1.95	0.000	0.017	0.017	05/08/2018	11:51
4	CAL4	0.05	1	100	100		2.33	0.000	0.038	0.038	05/08/2018	11:51
5	CAL5	0.1	1	100	100		2.41	0.000	0.079	0.079	05/08/2018	11:52
6	CAL6	0.5	1	100	100		1.74	0.000	0.388	0.388	05/08/2018	11:52
7	CAL7	1	1	100	100		2.36	0.000	0.764	0.764	05/08/2018	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		2.13	0.000	0.390	0.390	0.509	05/08/2018	11:53
2	ICB		1	100	100		2.28	0.000	0.000	0.000	0.000	05/08/2018	11:54
3	CCV1	0.5	1	100	100		1.67	0.000	0.390	0.390	0.509	05/08/2018	13:05
4	CCB1		1	100	100		1.69	0.000	0.000	0.000	0.000	05/08/2018	13:05
5	PB109043BL		1	2.55	100	7.10	2.10	0.000	0.000	0.000	0.000	05/08/2018	13:06
6	PB109043BS	20	1	2.50	100	7.06	2.11	0.000	0.348	0.348	0.454	05/08/2018	13:06
7	J2671-01		1	2.55	100	7.23	2.21	0.014	0.014	0.000	0.000	05/08/2018	13:07
8	J2671-03		1	2.50	100	7.11	1.98	0.018	0.018	0.000	0.000	05/08/2018	13:07
9	J2674-01		1	2.52	100	7.56	1.78	0.032	0.032	0.000	0.000	05/08/2018	13:08
10	J2676-01		1	2.55	100	7.69	1.63	0.004	0.004	0.000	0.000	05/08/2018	13:08
11	J2676-01DUP		1	2.53	100	7.56	2.13	0.003	0.003	0.000	0.000	05/08/2018	13:09
12	J2676-01MSPre	40	2	2.52	100	7.46	1.89	0.003	0.296	0.293	0.382	05/08/2018	13:09
13	J2676-01MS2Ins	1284	40	2.53	100	7.81	1.96	0.006	0.580	0.574	0.749	05/08/2018	13:10
14	J2676-01MS3Post	40	2	2.50	100	7.63	2.16	0.002	0.307	0.305	0.398	05/08/2018	13:10
15	CCV2	0.5	1	100	100		2.22	0.000	0.391	0.391	0.510	05/08/2018	13:11
16	CCB2		1	100	100		2.13	0.000	0.000	0.000	0.000	05/08/2018	13:11
17	J2676-03		1	2.53	100	7.69	1.56	0.022	0.022	0.000	0.000	05/08/2018	13:12
18	J2676-05		1	2.54	100	7.12	2.30	0.010	0.011	0.001	0.001	05/08/2018	13:12
19	J2676-07		1	2.55	100	7.25	1.56	0.083	0.083	0.000	0.000	05/08/2018	13:13
20	J2676-09		1	2.50	100	7.46	1.69	0.129	0.130	0.001	0.001	05/08/2018	13:13
21	J2677-03		1	2.55	100	7.69	1.85	0.026	0.026	0.000	0.000	05/08/2018	13:14
22	J2759-04		1	2.53	100	7.13	1.69	0.008	0.013	0.005	0.006	05/08/2018	13:14
23	J2759-07		1	2.52	100	7.58	1.46	0.037	0.038	0.001	0.001	05/08/2018	13:15
24	CCV3	0.5	1	100	100		1.79	0.000	0.390	0.390	0.509	05/08/2018	13:15
25	CCB3		1	100	100		2.10	0.000	0.000	0.000	0.000	05/08/2018	13:16