

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Sweta

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB95253

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP64368
Calibration Std. hexchrome 0.05 ppm	WP64367
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP64370
Calibratation STD Hexa Chrome 0.5 PPM	WP64369
calibration std. hexchrome 0.01 ppm	WP64365
calibration std. hexchrome 0 ppm	WP64361
Hexavalent Chromium ICV Std.	WP64371
Hexavalent Chromium CCV Std	WP64389
hexavalent chromium color reagent	WP64299
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP64366

Intercept: 0.0001

Slope: 0.768

Regression: 0.999968

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		2.13	0.000	0.000	0.000	05/10/2018	13:00
2	CAL2	0.01	1	100	100		2.14	0.000	0.006	0.006	05/10/2018	13:00
3	CAL3	0.025	1	100	100		1.77	0.000	0.017	0.017	05/10/2018	13:01
4	CAL4	0.05	1	100	100		1.87	0.000	0.039	0.039	05/10/2018	13:01
5	CAL5	0.1	1	100	100		1.69	0.000	0.079	0.079	05/10/2018	13:02
6	CAL6	0.5	1	100	100		1.59	0.000	0.388	0.388	05/10/2018	13:02
7	CAL7	1	1	100	100		2.14	0.000	0.766	0.766	05/10/2018	13:03

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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		1.99	0.000	0.390	0.390	0.508	05/10/2018	13:03
2	ICB		1	100	100		2.10	0.000	0.000	0.000	0.000	05/10/2018	13:04
3	CCV1	0.5	1	100	100		2.11	0.000	0.390	0.390	0.508	05/10/2018	13:04
4	CCB1		1	100	100		1.98	0.000	0.000	0.000	0.000	05/10/2018	13:05
5	PB109134BL		1	2.50	100	7.56	1.77	0.000	0.000	0.000	0.000	05/10/2018	13:05
6	PB109134BS	20	1	2.55	100	7.69	1.69	0.002	0.353	0.351	0.457	05/10/2018	13:06
7	J2678-01		1	2.55	100	7.54	2.13	0.026	0.026	0.000	0.000	05/10/2018	13:06
8	J2818-01		1	2.52	100	7.26	1.87	0.008	0.008	0.000	0.000	05/10/2018	13:07
9	J2825-01		1	2.52	100	7.63	1.75	0.030	0.030	0.000	0.000	05/10/2018	13:07
10	J2825-01DUP		1	2.55	100	7.63	1.63	0.029	0.029	0.000	0.000	05/10/2018	13:08
11	J2825-01MSPre	40	2	2.50	100	7.16	1.88	0.029	0.286	0.257	0.335	05/10/2018	13:08
12	J2825-01MS2Ins	1284	40	2.52	100	7.63	1.96	0.012	0.604	0.592	0.771	05/10/2018	13:09
13	J2825-01MS3Post	40	2	2.50	100	7.23	1.75	0.028	0.348	0.320	0.417	05/10/2018	13:09
14	J2828-01		1	2.53	100	7.45	1.85	0.040	0.040	0.000	0.000	05/10/2018	13:10
15	CCV2	0.5	1	100	100		1.82	0.000	0.390	0.390	0.508	05/10/2018	13:10
16	CCB2		1	100	100		2.10	0.000	0.000	0.000	0.000	05/10/2018	13:11
17	J2836-02		1	2.55	100	7.64	2.13	0.008	0.020	0.012	0.015	05/10/2018	13:11
18	J2836-05		1	2.50	100	7.65	1.87	0.024	0.024	0.000	0.000	05/10/2018	13:12
19	PB109132BL		1	2.50	100	7.35	1.86	0.000	0.000	0.000	0.000	05/10/2018	13:12
20	PB109132BS	20	1	2.55	100	7.65	1.46	0.001	0.356	0.355	0.462	05/10/2018	13:13
21	J1427-01		1	2.53	100	7.45	1.77	0.010	0.010	0.000	0.000	05/10/2018	13:13
22	J2671-05		1	2.50	100	7.23	1.69	0.021	0.021	0.000	0.000	05/10/2018	13:14
23	J2671-07		1	2.54	100	7.36	2.14	0.024	0.024	0.000	0.000	05/10/2018	13:14
24	J2671-09		1	2.50	100	7.12	1.86	0.015	0.015	0.000	0.000	05/10/2018	13:15
25	J2672-03		1	2.55	100	7.18	1.74	0.015	0.015	0.000	0.000	05/10/2018	13:15
26	J2672-03DUP		1	2.53	100	7.65	1.94	0.016	0.016	0.000	0.000	05/10/2018	13:16
27	CCV3	0.5	1	100	100		1.58	0.000	0.391	0.391	0.509	05/10/2018	13:16
28	CCB3		1	100	100		1.69	0.000	0.000	0.000	0.000	05/10/2018	13:17
29	J2672-03MSPre	40	2	2.53	100	7.41	1.89	0.013	0.222	0.209	0.272	05/10/2018	13:17
30	J2672-03MS2Ins	1284	40	2.53	100	7.35	2.10	0.012	0.604	0.592	0.771	05/10/2018	13:18
31	J2672-03MS3Post	40	2	2.50	100	7.41	2.11	0.010	0.296	0.286	0.372	05/10/2018	13:18
32	J2676-11		1	2.55	100	7.85	1.86	0.019	0.019	0.000	0.000	05/10/2018	13:19
33	J2676-13		1	2.52	100	7.16	1.69	0.029	0.029	0.000	0.000	05/10/2018	13:19
34	J2676-15		1	2.54	100	7.58	1.88	0.013	0.013	0.000	0.000	05/10/2018	13:20
35	J2676-17		1	2.55	100	7.25	1.66	0.018	0.018	0.000	0.000	05/10/2018	13:20
36	J2676-19		1	2.52	100	7.46	1.85	0.009	0.009	0.000	0.000	05/10/2018	13:21
37	CCV4	0.5	1	100	100		1.58	0.000	0.390	0.390	0.508	05/10/2018	13:21
38	CCB4		1	100	100		1.82	0.000	0.000	0.000	0.000	05/10/2018	13:22