

Analytical Summary Report

Analysis Method: 7196A

ANALYST: sweta

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB99968

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP70448
Calibration Std. hexchrome 0.05 ppm	WP70447
5N sulfuric acid	WP70044
Calibratation STD HexaChrome 1 PPM	WP70450
Calibratation STD Hexa Chrome 0.5 PPM	WP70449
calibration std. hexchrome 0.01 ppm	WP70445
calibration std. hexchrome 0 ppm	WP70444
Hexavalent Chromium ICV Std.	WP70451
Hexavalent Chromium CCV Std	WP70452
hexavalent chromium color reagent	WP70383
HNO3 Hex-Chrome, 5M	WP70045
Calibration std Hexachrome, 0.025ppm	WP70446

Intercept: 0.0001

Slope: 0.7724

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		1.78	0.000	0.000	0.000	12/20/2018	14:15
2	CAL2	0.01	1	100	100		2.05	0.000	0.007	0.007	12/20/2018	14:15
3	CAL3	0.025	1	100	100		1.77	0.000	0.016	0.016	12/20/2018	14:16
4	CAL4	0.05	1	100	100		1.52	0.000	0.040	0.040	12/20/2018	14:16
5	CAL5	0.1	1	100	100		1.85	0.000	0.079	0.079	12/20/2018	14:17
6	CAL6	0.5	1	100	100		1.78	0.000	0.389	0.389	12/20/2018	14:17
7	CAL7	1	1	100	100		1.85	0.000	0.771	0.771	12/20/2018	14:18

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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		1.88	0.000	0.380	0.380	0.492	12/20/2018	14:18
2	ICB		1	100	100		1.82	0.000	0.000	0.000	0.000	12/20/2018	14:19
3	CCV1	0.5	1	100	100		1.96	0.000	0.390	0.390	0.505	12/20/2018	14:19
4	CCB1		1	100	100		1.78	0.000	0.000	0.000	0.000	12/20/2018	14:20
5	PB115887BL		1	2.50	100	7.22	2.10	0.000	0.000	0.000	0.000	12/20/2018	14:20
6	PB115887BS	20	1	2.55	100	7.23	1.98	0.000	0.372	0.372	0.481	12/20/2018	14:21
7	J6194-07		1	2.50	100	7.16	1.85	0.017	0.018	0.001	0.001	12/20/2018	14:21
8	J6194-09		1	2.52	100	7.56	1.77	0.026	0.026	0.000	0.000	12/20/2018	14:22
9	J6196-07		1	2.51	100	7.58	1.68	0.023	0.023	0.000	0.000	12/20/2018	14:22
10	J6196-09		1	2.55	100	7.22	1.58	0.014	0.014	0.000	0.000	12/20/2018	14:23
11	J6196-11		1	2.50	100	7.25	1.55	0.012	0.012	0.000	0.000	12/20/2018	14:23
12	J6445-01		1	2.52	100	7.26	1.96	0.007	0.007	0.000	0.000	12/20/2018	14:24
13	J6445-02		1	2.50	100	7.54	1.75	0.004	0.004	0.000	0.000	12/20/2018	14:24
14	J6445-03		1	2.51	100	7.69	1.75	0.023	0.023	0.000	0.000	12/20/2018	14:25
15	CCV2	0.5	1	100	100		2.06	0.000	0.389	0.389	0.503	12/20/2018	14:25
16	CCB2		1	100	100		1.75	0.000	0.000	0.000	0.000	12/20/2018	14:26
17	J6445-04		1	2.52	100	7.22	1.88	0.004	0.004	0.000	0.000	12/20/2018	14:26
18	J6445-05		1	2.50	100	7.54	1.95	0.003	0.003	0.000	0.000	12/20/2018	14:27
19	J6445-05DUP		1	2.52	100	7.48	1.70	0.004	0.004	0.000	0.000	12/20/2018	14:27
20	J6445-05MSPre	40	2	2.52	100	7.15	1.82	0.003	0.351	0.348	0.450	12/20/2018	14:28
21	J6445-05MS2Ins	1284	40	2.55	100	7.54	2.05	0.007	0.587	0.580	0.751	12/20/2018	14:28
22	J6445-05MS3Post	40	2	2.50	100	7.62	1.77	0.004	0.360	0.356	0.461	12/20/2018	14:29
23	J6445-06		1	2.51	100	7.48	1.68	0.002	0.003	0.001	0.001	12/20/2018	14:29
24	J6445-07		1	2.50	100	7.27	1.88	0.004	0.005	0.001	0.001	12/20/2018	14:30
25	PB115891BL		1	2.50	100	7.42	1.69	0.000	0.000	0.000	0.000	12/20/2018	14:30
26	PB115891BS	20	1	2.50	100	7.18	1.77	0.000	0.374	0.374	0.484	12/20/2018	14:31
27	CCV3	0.5	1	100	100		1.82	0.000	0.390	0.390	0.505	12/20/2018	14:31
28	CCB3		1	100	100		1.80	0.000	0.000	0.000	0.000	12/20/2018	14:32
29	J6199-09		1	2.50	100	7.44	1.96	0.020	0.020	0.000	0.000	12/20/2018	14:32
30	J6199-11		1	2.53	100	7.26	1.77	0.012	0.012	0.000	0.000	12/20/2018	14:33
31	J6465-01		1	2.50	100	7.25	1.68	0.003	0.003	0.000	0.000	12/20/2018	14:33
32	J6465-02		1	2.53	100	7.45	1.28	0.018	0.018	0.000	0.000	12/20/2018	14:34
33	J6465-03		1	2.50	100	7.58	2.05	0.004	0.004	0.000	0.000	12/20/2018	14:34
34	J6465-03DUP		1	2.50	100	7.24	1.88	0.005	0.005	0.000	0.000	12/20/2018	14:35
35	J6465-03MSPre	40	2	2.51	100	7.22	1.76	0.003	0.360	0.357	0.462	12/20/2018	14:35
36	J6465-03MS2Ins	1284	40	2.53	100	7.35	1.63	0.008	0.582	0.574	0.743	12/20/2018	14:36
37	J6465-03MS3Post	40	2	2.51	100	7.20	1.83	0.003	0.368	0.365	0.472	12/20/2018	14:36
38	J6465-04		1	2.52	100	7.33	1.95	0.034	0.042	0.008	0.010	12/20/2018	14:37
39	CCV4	0.5	1	100	100		1.75	0.000	0.389	0.389	0.503	12/20/2018	14:37
40	CCB4		1	100	100		1.72	0.000	0.000	0.000	0.000	12/20/2018	14:38
41	J6465-05		1	2.50	100	7.42	1.85	0.003	0.003	0.000	0.000	12/20/2018	14:38
42	J6465-06		1	2.51	100	7.22	1.88	0.008	0.008	0.000	0.000	12/20/2018	14:39

43	J6469-01		1	2.51	100	7.52	1.85	0.005	0.005	0.000	0.000	12/20/2018	14:39
44	J6475-01		1	2.53	100	7.41	1.74	0.024	0.024	0.000	0.000	12/20/2018	14:40
45	J6482-01		1	2.51	100	7.38	1.69	0.043	0.043	0.000	0.000	12/20/2018	14:40
46	J6482-09		1	2.53	100	7.28	1.82	0.042	0.042	0.000	0.000	12/20/2018	14:41
47	J6493-01		1	2.52	100	7.35	2.10	0.042	0.042	0.000	0.000	12/20/2018	14:41
48	CCV5	0.5	1	100	100		1.58	0.000	0.390	0.390	0.505	12/20/2018	14:42
49	CCB5		1	100	100		1.66	0.000	0.000	0.000	0.000	12/20/2018	14:42