

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Sweta

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB95735

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP64924
Calibration Std. hexchrome 0.05 ppm	WP64923
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP64926
Calibratation STD Hexa Chrome 0.5 PPM	WP64925
calibration std. hexchrome 0.01 ppm	WP64921
calibration std. hexchrome 0 ppm	WP64920
Hexavalent Chromium ICV Std.	WP64928
Hexavalent Chromium CCV Std	WP64927
hexavalent chromium color reagent	WP64916
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP64922

Intercept: 0.0006

Slope: 0.7701

Regression: 0.999981

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		2.10	0.000	0.000	0.000	05/31/2018	13:30
2	CAL2	0.01	1	100	100		2.02	0.000	0.007	0.007	05/31/2018	13:30
3	CAL3	0.025	1	100	100		1.89	0.000	0.019	0.019	05/31/2018	13:31
4	CAL4	0.05	1	100	100		1.72	0.000	0.039	0.039	05/31/2018	13:31
5	CAL5	0.1	1	100	100		1.63	0.000	0.079	0.079	05/31/2018	13:32
6	CAL6	0.5	1	100	100		1.95	0.000	0.389	0.389	05/31/2018	13:32
7	CAL7	1	1	100	100		1.59	0.000	0.769	0.769	05/31/2018	13:33

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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	0.390	0.390	0.506	05/31/2018	13:33
2	ICB		1	100	100		2.11	0.000	0.000	0.000	-0.001	05/31/2018	13:34
3	CCV1	0.5	1	100	100		1.59	0.000	0.390	0.390	0.506	05/31/2018	13:34
4	CCB1		1	100	100		1.75	0.000	0.000	0.000	-0.001	05/31/2018	13:35
5	PB109838BL		1	2.55	100	7.23	2.10	0.000	0.000	0.000	-0.001	05/31/2018	13:35
6	PB109838BS	20	1	2.50	100	7.12	2.06	0.000	0.370	0.370	0.480	05/31/2018	13:36
7	J3217-01		1	2.52	100	7.23	1.66	0.011	0.011	0.000	-0.001	05/31/2018	13:36
8	J3217-05		1	2.50	100	7.30	1.96	0.001	0.002	0.001	0.001	05/31/2018	13:37
9	J3217-08		1	2.55	100	7.11	1.85	0.005	0.005	0.000	-0.001	05/31/2018	13:37
10	J3217-08DUP		1	2.50	100	7.64	1.81	0.006	0.006	0.000	-0.001	05/31/2018	13:38
11	J3217-08MSPre	40	2	2.50	100	7.46	1.62	0.002	0.369	0.367	0.476	05/31/2018	13:38
12	J3217-08MS2Ins	1284	40	2.55	100	7.33	1.93	0.007	0.628	0.621	0.806	05/31/2018	13:39
13	J3217-08MS3Post	40	2	2.50	100	7.21	2.07	0.003	0.383	0.380	0.493	05/31/2018	13:39
14	J3217-12		1	2.53	100	7.15	1.71	0.010	0.010	0.000	-0.001	05/31/2018	13:40
15	CCV2	0.5	1	100	100		1.81	0.000	0.389	0.389	0.504	05/31/2018	13:40
16	CCB2		1	100	100		1.98	0.000	0.000	0.000	-0.001	05/31/2018	13:41
17	J3218-01		1	2.55	100	7.63	1.89	0.037	0.037	0.000	-0.001	05/31/2018	13:41
18	J3218-05		1	2.50	100	7.25	1.93	0.020	0.020	0.000	-0.001	05/31/2018	13:42
19	PB109837BL		1	2.55	100	7.26	1.99	0.000	0.000	0.000	-0.001	05/31/2018	13:42
20	PB109837BS	20	1	2.53	100	7.14	2.03	0.000	0.369	0.369	0.478	05/31/2018	13:43
21	J2669-11		1	2.50	100	7.22	1.84	0.016	0.016	0.000	-0.001	05/31/2018	13:43
22	J2669-11DUP		1	2.50	100	7.26	1.75	0.017	0.017	0.000	-0.001	05/31/2018	13:44
23	J2669-11MSPre	40	2	2.53	100	7.23	1.65	0.010	0.279	0.269	0.349	05/31/2018	13:44
24	J2669-11MS2Ins	1284	40	2.55	100	7.22	1.52	0.007	0.621	0.614	0.797	05/31/2018	13:45
25	J2669-11MS3Post	40	2	2.53	100	7.42	2.10	0.012	0.315	0.303	0.393	05/31/2018	13:45
26	J2678-05		1	2.52	100	7.16	2.06	0.013	0.013	0.000	-0.001	05/31/2018	13:46
27	CCV3	0.5	1	100	100		1.89	0.000	0.390	0.390	0.506	05/31/2018	13:46
28	CCB3		1	100	100		1.95	0.000	0.000	0.000	-0.001	05/31/2018	13:47
29	J3188-01		1	2.55	100	7.35	1.71	0.004	0.022	0.018	0.023	05/31/2018	13:47
30	J3191-02		1	2.54	100	7.39	1.52	0.032	0.032	0.000	-0.001	05/31/2018	13:48
31	J3197-03		1	2.50	100	7.11	1.62	0.013	0.013	0.000	-0.001	05/31/2018	13:48
32	J3197-07		1	2.53	100	7.41	1.93	0.015	0.015	0.000	-0.001	05/31/2018	13:49
33	J3202-01		1	2.55	100	7.55	1.63	0.008	0.012	0.004	0.004	05/31/2018	13:49
34	J3203-01		1	2.55	100	7.16	2.05	0.008	0.009	0.001	0.001	05/31/2018	13:50
35	J3203-04		1	2.52	100	7.59	1.85	0.004	0.006	0.002	0.002	05/31/2018	13:50
36	J3219-03		1	2.50	100	7.41	1.89	0.017	0.017	0.000	-0.001	05/31/2018	13:51
37	CCV4	0.5	1	100	100		1.94	0.000	0.389	0.389	0.504	05/31/2018	13:51
38	CCB4		1	100	100		1.96	0.000	0.000	0.000	-0.001	05/31/2018	13:52