

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Sweta

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB95952

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP65224
Calibration Std. hexchrome 0.05 ppm	WP65223
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP65226
Calibratation STD Hexa Chrome 0.5 PPM	WP65225
calibration std. hexchrome 0.01 ppm	WP65221
calibration std. hexchrome 0 ppm	WP65220
Hexavalent Chromium ICV Std.	WP65228
Hexavalent Chromium CCV Std	WP65227
hexavalent chromium color reagent	WP65230
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP65222

Intercept: 0.0005

Slope: 0.7695

Regression: 0.99997

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	06/12/2018	13:30
2	CAL2	0.01	1	100	100		1.98	0.000	0.007	0.007	06/12/2018	13:30
3	CAL3	0.025	1	100	100		1.88	0.000	0.017	0.017	06/12/2018	13:31
4	CAL4	0.05	1	100	100		2.10	0.000	0.040	0.040	06/12/2018	13:31
5	CAL5	0.1	1	100	100		1.85	0.000	0.079	0.079	06/12/2018	13:32
6	CAL6	0.5	1	100	100		2.16	0.000	0.389	0.389	06/12/2018	13:32
7	CAL7	1	1	100	100		1.96	0.000	0.768	0.768	06/12/2018	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	06/12/2018	13:33
2	ICB		1	100	100		1.86	0.000	0.000	0.000	-0.001	06/12/2018	13:34
3	CCV1	0.5	1	100	100		2.10	0.000	0.391	0.391	0.507	06/12/2018	13:34
4	CCB1		1	100	100		2.11	0.000	0.000	0.000	-0.001	06/12/2018	13:35
5	PB110178BL		1	2.53	100	7.23	1.79	0.000	0.000	0.000	-0.001	06/12/2018	13:35
6	PB110178BS	20	1	2.55	100	7.31	1.98	0.000	0.365	0.365	0.474	06/12/2018	13:36
7	J2979-01		1	2.52	100	7.16	1.88	0.009	0.009	0.000	-0.001	06/12/2018	13:36
8	J3245-01		1	2.50	100	7.26	1.96	0.028	0.028	0.000	-0.001	06/12/2018	13:37
9	J3245-03		1	2.52	100	7.19	2.03	0.007	0.007	0.000	-0.001	06/12/2018	13:37
10	J3245-05		1	2.55	100	7.22	2.10	0.023	0.023	0.000	-0.001	06/12/2018	13:38
11	J3245-07		1	2.50	100	7.32	1.89	0.011	0.011	0.000	-0.001	06/12/2018	13:38
12	J3247-03		1	2.50	100	7.14	1.98	0.008	0.008	0.000	-0.001	06/12/2018	13:39
13	J3247-03DUP		1	2.55	100	7.16	1.99	0.009	0.009	0.000	-0.001	06/12/2018	13:39
14	J3247-03MSPre	40	2	2.50	100	7.26	1.79	0.006	0.227	0.221	0.287	06/12/2018	13:40
15	CCV2	0.5	1	100	100		1.82	0.000	0.390	0.390	0.506	06/12/2018	13:40
16	CCB2		1	100	100		2.10	0.000	0.000	0.000	-0.001	06/12/2018	13:41
17	J3247-03MS2Ins	1284	40	2.50	100	7.42	2.13	0.012	0.593	0.581	0.754	06/12/2018	13:41
18	J3247-03MS3Post	40	2	2.53	100	7.33	2.06	0.007	0.211	0.204	0.264	06/12/2018	13:42
19	J3372-01		1	2.53	100	7.35	1.89	0.007	0.007	0.000	-0.001	06/12/2018	13:42
20	J3372-02		1	2.50	100	7.24	1.98	0.006	0.009	0.003	0.003	06/12/2018	13:43
21	J3372-03		1	2.53	100	7.18	1.79	0.009	0.009	0.000	-0.001	06/12/2018	13:43
22	J3440-01		1	2.52	100	7.26	1.85	0.006	0.006	0.000	-0.001	06/12/2018	13:44
23	PB110181BL		1	2.50	100	7.24	2.10	0.000	0.000	0.000	-0.001	06/12/2018	13:44
24	PB110181BS	20	1	2.55	100	7.28	1.69	0.001	0.367	0.366	0.475	06/12/2018	13:45
25	J3415-01		1	2.50	100	7.15	1.76	0.005	0.006	0.001	0.001	06/12/2018	13:45
26	J3415-02		1	2.55	100	7.24	2.06	0.005	0.005	0.000	-0.001	06/12/2018	13:46
27	CCV3	0.5	1	100	100		1.85	0.000	0.389	0.389	0.505	06/12/2018	13:46
28	CCB3		1	100	100		1.77	0.000	0.000	0.000	-0.001	06/12/2018	13:47
29	J3415-02DUP		1	2.50	100	7.34	1.86	0.006	0.006	0.000	-0.001	06/12/2018	13:47
30	J3415-02MSPre	40	2	2.53	100	7.16	1.74	0.005	0.355	0.350	0.454	06/12/2018	13:48
31	J3415-02MS2Ins	1284	40	2.55	100	7.19	1.99	0.012	0.603	0.591	0.767	06/12/2018	13:48
32	J3415-02MS3Post	40	2	2.52	100	7.25	2.10	0.006	0.389	0.383	0.497	06/12/2018	13:49
33	J3415-03		1	2.53	100	7.22	2.05	0.011	0.011	0.000	-0.001	06/12/2018	13:49
34	J3415-04		1	2.50	100	7.16	1.79	0.007	0.007	0.000	-0.001	06/12/2018	13:50
35	J3415-05		1	2.52	100	7.35	1.96	0.005	0.009	0.004	0.005	06/12/2018	13:50
36	J3415-06		1	2.50	100	7.19	2.03	0.007	0.007	0.000	-0.001	06/12/2018	13:51
37	J3429-01		1	2.55	100	7.20	1.88	0.029	0.049	0.020	0.025	06/12/2018	13:51
38	CCV4	0.5	1	100	100		1.75	0.000	0.390	0.390	0.506	06/12/2018	13:52
39	CCB4		1	100	100		1.77	0.000	0.000	0.000	-0.001	06/12/2018	13:52