CHEMTECH

Analytical Summary Report

Analysis Method: 7196A
Parameter: Hexavalent Chromium
Run Number: LB95510

ANALYST: Sweta
SUPERVISOR REVIEW BY: apatel
pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP64679
Calibration Std. hexchrome 0.05 ppm	WP64678
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP64681
Calibratation STD Hexa Chrome 0.5 PPM	WP64680
calibration std. hexchrome 0.01 ppm	WP64676
calibration std. hexchrome 0 ppm	WP64675
Hexavalent Chromium ICV Std.	WP64683
Hexavalent Chromium CCV Std	WP64682
hexavalent chromium color reagent	WP64533
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP64677

Intercept: 0.0001 **Slope:** 0.7703 **Regression:** 0.999984

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	05/21/2018	12:30
2	CAL2	0.01	1	100	100		1.89	0.000	0.007	0.007	05/21/2018	12:30
3	CAL3	0.025	1	100	100		1.69	0.000	0.018	0.018	05/21/2018	12:31
4	CAL4	0.05	1	100	100		1.79	0.000	0.038	0.038	05/21/2018	12:31
5	CAL5	0.1	1	100	100		1.86	0.000	0.079	0.079	05/21/2018	12:32
6	CAL6	0.5	1	100	100		2.14	0.000	0.388	0.388	05/21/2018	12:32
7	CAL7	1	1	100	100		1.95	0.000	0.769	0.769	05/21/2018	12:33

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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		2.14	0.000	0.389	0.389	0.505	05/21/2018	12:33
2	ICB		1	100	100		2.08	0.000	0.000	0.000	0.000	05/21/2018	12:34
3	CCV1	0.5	1	100	100		1.89	0.000	0.389	0.389	0.505	05/21/2018	12:34
4	CCB1		1	100	100		1.75	0.000	0.000	0.000	0.000	05/21/2018	12:35
5	PB109501BL		1	2.50	100	7.21	1.85	0.000	0.000	0.000	0.000	05/21/2018	12:35
6	PB109501BS	20	1	2.55	100	7.15	1.69	0.001	0.356	0.355	0.461	05/21/2018	12:36
7	J2971-01		1	2.52	100	7.13	2.10	0.003	0.006	0.003	0.004	05/21/2018	12:36
8	J2971-01DUP		1	2.55	100	7.19	2.02	0.004	0.007	0.003	0.004	05/21/2018	12:37
9	J2971-01MSPre	40	2	2.53	100	7.26	1.89	0.004	0.327	0.323	0.419	05/21/2018	12:37
10	J2971-01MS2Ins	1284	40	2.50	100	7.34	1.95	0.010	0.614	0.604	0.784	05/21/2018	12:38
11	J2971-01MS3Post	40	2	2.52	100	7.10	1.75	0.003	0.302	0.299	0.388	05/21/2018	12:38
12	J2971-03		1	2.52	100	7.15	1.69	0.012	0.016	0.004	0.005	05/21/2018	12:39
13	J2971-05		1	2.50	100	7.28	1.82	0.020	0.020	0.000	0.000	05/21/2018	12:39
14	J2971-07		1	2.55	100	7.13	1.96	0.008	0.015	0.007	0.009	05/21/2018	12:40
15	CCV2	0.5	1	100	100		2.13	0.000	0.389	0.389	0.505	05/21/2018	12:40
16	CCB2		1	100	100		1.86	0.000	0.000	0.000	0.000	05/21/2018	12:41
17	J2971-09		1	2.54	100	7.48	2.03	0.007	0.011	0.004	0.005	05/21/2018	12:41
18	J3001-01		1	2.52	100	7.64	1.83	0.021	0.021	0.000	0.000	05/21/2018	12:42
19	J3001-05		1	2.50	100	7.10	1.77	0.022	0.022	0.000	0.000	05/21/2018	12:42
20	J3001-09		1	2.55	100	7.65	1.74	0.009	0.019	0.010	0.013	05/21/2018	12:43
21	J3001-13		1	2.52	100	7.49	1.93	0.010	0.010	0.000	0.000	05/21/2018	12:43
22	J3001-17		1	2.50	100	7.19	1.95	0.011	0.028	0.017	0.022	05/21/2018	12:44
23	J3001-21		1	2.55	100	7.59	1.84	0.011	0.029	0.018	0.023	05/21/2018	12:44
24	J3005-01		1	2.53	100	7.36	1.96	0.010	0.010	0.000	0.000	05/21/2018	12:45
25	J3005-03		1	2.50	100	7.26	1.73	0.016	0.016	0.000	0.000	05/21/2018	12:45
26	CCV3	0.5	1	100	100		1.84	0.000	0.389	0.389	0.505	05/21/2018	12:46
27	CCB3		1	100	100		1.98	0.000	0.000	0.000	0.000	05/21/2018	12:46