

Analytical Summary Report

Analysis Method: 7196A

ANALYST: AMANDEEP

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB100806

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP71634
Calibration Std. hexchrome 0.05 ppm	WP71633
5N sulfuric acid	WP70044
Hexavalent Chromium LCS Std	WP71639
Calibratation STD HexaChrome 1 PPM	WP71636
Calibratation STD Hexa Chrome 0.5 PPM	WP71635
calibration std. hexchrome 0.01 ppm	WP71631
calibration std. hexchrome 0 ppm	WP71630
Hexavalent Chromium ICV Std.	WP71638
Hexavalent Chromium CCV Std	WP71637
hexavalent chromium color reagent	WP71527
HNO3 Hex-Chrome, 5M	WP70045

Intercept: 0.0003

Slope: 0.7732

Regression: 0.999882

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		1.96	0.000	0.000	0.000	02/13/2019	10:49
2	CAL2	0.01	1	100	100		2.01	0.000	0.008	0.008	02/13/2019	10:49
3	CAL3	0.025	1	100	100		2.04	0.000	0.017	0.017	02/13/2019	10:50
4	CAL4	0.05	1	100	100		1.96	0.000	0.036	0.036	02/13/2019	10:50
5	CAL5	0.1	1	100	100		2.00	0.000	0.079	0.079	02/13/2019	10:51
6	CAL6	0.5	1	100	100		2.03	0.000	0.396	0.396	02/13/2019	10:52
7	CAL7	1	1	100	100		2.08	0.000	0.769	0.769	02/13/2019	10:53



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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		2.01	0.000	0.391	0.391	0.505	02/13/2019	10:53
2	ICB		1	100	100		1.90	0.000	0.000	0.000	0.000	02/13/2019	10:54
3	CCV1	0.5	1	100	100		2.06	0.000	0.389	0.389	0.503	02/13/2019	10:54
4	CCB1		1	100	100		1.99	0.000	0.000	0.000	0.000	02/13/2019	10:55
5	PB117086BL		1	2.50	100	7.12	2.01	0.000	0.000	0.000	0.000	02/13/2019	10:56
6	PB117086BS	20	1	2.55	100	7.06	1.90	0.000	0.379	0.379	0.490	02/13/2019	10:57
7	K1345-01		1	2.54	100	7.35	2.03	0.011	0.011	0.000	0.000	02/13/2019	10:58
8	K1459-03		1	2.51	100	7.08	1.90	0.012	0.012	0.000	0.000	02/13/2019	10:58
9	K1459-07		1	2.52	100	7.45	2.04	0.016	0.016	0.000	0.000	02/13/2019	11:00
10	K1459-11		1	2.55	100	7.80	2.09	0.039	0.039	0.000	0.000	02/13/2019	11:01
11	K1461-01		1	2.50	100	7.65	2.11	0.047	0.047	0.000	0.000	02/13/2019	11:01
12	K1461-05		1	2.55	100	7.48	2.15	0.038	0.038	0.000	0.000	02/13/2019	11:02
13	K1462-03		1	2.51	100	7.11	1.80	0.015	0.015	0.000	0.000	02/13/2019	11:02
14	K1462-07		1	2.55	100	7.40	1.79	0.013	0.013	0.000	0.000	02/13/2019	11:03
15	CCV2	0.5	1	100	100		1.95	0.000	0.386	0.386	0.499	02/13/2019	11:04
16	CCB2		1	100	100		1.99	0.000	0.000	0.000	0.000	02/13/2019	11:03
17	K1462-11		1	2.55	100	7.46	2.25	0.008	0.008	0.000	0.000	02/13/2019	11:04
18	K1462-15		1	2.55	100	7.36	2.47	0.021	0.021	0.000	0.000	02/13/2019	11:04
19	K1462-19		1	2.51	100	7.59	1.58	0.053	0.053	0.000	0.000	02/13/2019	11:05
20	K1462-23		1	2.50	100	7.18	1.59	0.003	0.003	0.000	0.000	02/13/2019	11:06
21	K1462-23DUP		1	2.52	100	7.24	1.60	0.003	0.003	0.000	0.000	02/13/2019	11:06
22	K1462-23MSPre	40	2	2.55	100	7.26	1.65	0.004	0.359	0.355	0.459	02/13/2019	11:07
23	K1462-23MS2Ins	1284	40	2.52	100	7.30	1.65	0.005	0.568	0.563	0.728	02/13/2019	11:10
24	K1462-23MS3Post	40	2	2.55	100	7.05	1.66	0.004	0.396	0.392	0.507	02/13/2019	11:11
25	CCV3	0.5	1	100	100		1.78	0.000	0.388	0.388	0.501	02/13/2019	11:08
26	CCB3		1	100	100		1.80	0.000	0.000	0.000	0.000	02/13/2019	11:08