

Analytical Summary Report

Analysis Method: 7196A

ANALYST: AMANDEEP

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB88487

pH Meter ID: WC PH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP56100
Calibration Std. hexchrome 0.05 ppm	WP56099
5N sulfuric acid	WP55256
Hexavalent Chromium LCS Std	WP56106
Calibratation STD HexaChrome 1 PPM	WP56103
Calibratation STD Hexa Chrome 0.5 PPM	WP56102
calibration std. hexchrome 0.01 ppm	WP56098
calibration std. hexchrome 0 ppm	WP56097
Hexavalent Chromium ICV Std.	WP56105
Hexavalent Chromium CCV Std	WP56104
hexavalent chromium color reagent	WP56010
HNO3 Hex-Chrome, 5M	WP55974

Intercept: 0.0001

Slope: 0.7819

Regression: 0.99995

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		2.09	0.000	0.000	0.000	07/01/2017	12:10
2	CAL2	0.01	1	100	100		2.40	0.000	0.007	0.007	07/01/2017	12:10
3	CAL3	0.025	1	100	100		1.99	0.000	0.017	0.017	07/01/2017	12:11
4	CAL4	0.05	1	100	100		2.16	0.000	0.039	0.039	07/01/2017	12:11
5	CAL5	0.1	1	100	100		2.01	0.000	0.079	0.079	07/01/2017	12:12
6	CAL6	0.5	1	100	100		2.13	0.000	0.397	0.397	07/01/2017	12:12
7	CAL7	1	1	100	100		2.09	0.000	0.779	0.779	07/01/2017	12:13



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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	0.398	0.398	0.509	07/01/2017	12:13
2	ICB		1	100	100		1.90	0.000	0.000	0.000	0.000	07/01/2017	12:14
3	CCV1	0.5	1	100	100		1.56	0.000	0.399	0.399	0.510	07/01/2017	12:14
4	CCB1		1	100	100		1.98	0.000	0.000	0.000	0.000	07/01/2017	12:15
5	PB100374BL		1	2.50	100	7.50	2.03	0.000	0.000	0.000	0.000	07/01/2017	12:15
6	PB100374BS	20	1	2.52	100	7.16	2.04	0.000	0.390	0.390	0.499	07/01/2017	12:16
7	I3950-01		1	2.50	100	7.85	2.19	0.011	0.011	0.000	0.000	07/01/2017	12:16
8	I3950-02		1	2.52	100	7.62	1.59	0.030	0.030	0.000	0.000	07/01/2017	12:17
9	I3950-03		1	2.55	100	7.53	2.36	0.022	0.022	0.000	0.000	07/01/2017	12:17
10	I3950-04		1	2.50	100	7.68	2.50	0.016	0.016	0.000	0.000	07/01/2017	12:18
11	I3950-05		1	2.51	100	7.44	2.51	0.010	0.010	0.000	0.000	07/01/2017	12:18
12	I3950-06		1	2.53	100	7.45	2.08	0.009	0.010	0.001	0.001	07/01/2017	12:19
13	I3950-07		1	2.52	100	7.38	2.11	0.011	0.011	0.000	0.000	07/01/2017	12:19
14	I3950-08		1	2.54	100	7.96	2.05	0.019	0.019	0.000	0.000	07/01/2017	12:20
15	CCV2	0.5	1	100	100		2.15	0.000	0.392	0.392	0.501	07/01/2017	12:20
16	CCB2		1	100	100		2.16	0.000	0.000	0.000	0.000	07/01/2017	12:21
17	I3950-09		1	2.53	100	7.77	2.04	0.026	0.027	0.001	0.001	07/01/2017	12:21
18	I3950-10		1	2.53	100	7.13	2.41	0.008	0.009	0.001	0.001	07/01/2017	12:22
19	I3950-11		1	2.50	100	7.19	2.46	0.016	0.016	0.000	0.000	07/01/2017	12:22
20	I3950-12		1	2.55	100	7.52	2.30	0.012	0.012	0.000	0.000	07/01/2017	12:23
21	I3950-13		1	2.50	100	7.54	2.35	0.010	0.010	0.000	0.000	07/01/2017	12:23
22	I3950-14		1	2.52	100	7.65	2.05	0.012	0.012	0.000	0.000	07/01/2017	12:24
23	I3950-15		1	2.53	100	7.36	2.07	0.020	0.021	0.001	0.001	07/01/2017	12:24
24	I3950-16		1	2.54	100	7.35	2.03	0.011	0.012	0.001	0.001	07/01/2017	12:25
25	I3950-17		1	2.53	100	7.25	2.49	0.014	0.014	0.000	0.000	07/01/2017	12:25
26	I3950-18		1	2.51	100	7.18	1.78	0.016	0.017	0.001	0.001	07/01/2017	12:26
27	CCV3	0.5	1	100	100		1.88	0.000	0.398	0.398	0.509	07/01/2017	12:26
28	CCB3		1	100	100		1.59	0.000	0.000	0.000	0.000	07/01/2017	12:27
29	I3950-19		1	2.55	100	7.49	2.00	0.025	0.025	0.000	0.000	07/01/2017	12:27
30	I3950-19DUP		1	2.54	100	7.50	2.03	0.025	0.025	0.000	0.000	07/01/2017	12:28
31	I3950-19MSPre	40	2	2.51	100	7.56	2.06	0.025	0.233	0.208	0.266	07/01/2017	12:28
32	I3950-19MS2Ins	1284	40	2.51	100	7.60	2.00	0.024	0.652	0.628	0.803	07/01/2017	12:29
33	I3950-19MS3Post	40	2	2.53	100	7.65	2.06	0.021	0.311	0.290	0.371	07/01/2017	12:29
34	CCV4	0.5	1	100	100		2.10	0.000	0.397	0.397	0.508	07/01/2017	12:30
35	CCB4		1	100	100		2.05	0.000	0.000	0.000	0.000	07/01/2017	12:30