

Analytical Summary Report

Analysis Method: 7196A

ANALYST: AMANDEEP

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB87730

pH Meter ID: WC PH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP55250
Calibration Std. hexchrome 0.05 ppm	WP55249
5N sulfuric acid	WP55256
Calibratation STD HexaChrome 1 PPM	WP55252
Calibratation STD Hexa Chrome 0.5 PPM	WP55251
calibration std. hexchrome 0.01 ppm	WP55248
calibration std. hexchrome 0 ppm	WP55246
Hexavalent Chromium ICV Std.	WP55254
Hexavalent Chromium CCV Std	WP55253
hexavalent chromium color reagent	WP55164
HNO3 Hex-Chrome, 5M	WP53205
Calibration std Hexachrome, 0.025ppm	WP55257

Intercept: -0.0006

Slope: 0.7807

Regression: 0.999974

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	05/26/2017	11:07
2	CAL2	0.01	1	100	100		2.40	0.000	0.007	0.007	05/26/2017	11:07
3	CAL3	0.025	1	100	100		1.89	0.000	0.017	0.017	05/26/2017	11:08
4	CAL4	0.05	1	100	100		1.92	0.000	0.038	0.038	05/26/2017	11:08
5	CAL5	0.1	1	100	100		2.16	0.000	0.077	0.077	05/26/2017	11:09
6	CAL6	0.5	1	100	100		2.20	0.000	0.394	0.394	05/26/2017	11:09
7	CAL7	1	1	100	100		2.01	0.000	0.778	0.778	05/26/2017	11:10



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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		2.26	0.000	0.379	0.379	0.486	05/26/2017	11:10
2	ICB		1	100	100		2.01	0.000	0.000	0.000	0.001	05/26/2017	11:11
3	CCV1	0.5	1	100	100		2.11	0.000	0.387	0.387	0.496	05/26/2017	11:11
4	CCB1		1	100	100		2.10	0.000	0.000	0.000	0.001	05/26/2017	11:12
5	PB99344BL		1	2.51	100	7.19	2.11	0.000	0.000	0.000	0.001	05/26/2017	11:12
6	PB99344BS	20	1	2.50	100	7.14	2.19	0.000	0.371	0.371	0.476	05/26/2017	11:13
7	I3331-02		1	2.57	100	7.32	2.16	0.017	0.017	0.000	0.001	05/26/2017	11:13
8	I3331-04		1	2.60	100	7.25	2.20	0.001	0.001	0.000	0.001	05/26/2017	11:14
9	I3331-06		1	2.55	100	7.40	2.03	0.010	0.035	0.025	0.033	05/26/2017	11:14
10	I3331-10		1	2.57	100	7.29	2.09	0.008	0.008	0.000	0.001	05/26/2017	11:15
11	I3332-02		1	2.59	100	7.16	2.24	0.007	0.007	0.000	0.001	05/26/2017	11:15
12	I3332-06		1	2.59	100	7.61	2.30	0.000	0.000	0.000	0.001	05/26/2017	11:16
13	I3332-06DUP		1	2.58	100	7.60	2.31	0.000	0.000	0.000	0.001	05/26/2017	11:16
14	I3332-06MSPre	40	2	2.54	100	7.59	2.35	0.000	0.390	0.390	0.500	05/26/2017	11:17
15	CCV2	0.5	1	100	100		2.39	0.000	0.390	0.390	0.500	05/26/2017	11:17
16	CCB2		1	100	100		2.01	0.000	0.000	0.000	0.001	05/26/2017	11:18
17	I3332-06MS2Ins	1284	40	2.54	100	7.45	2.34	0.001	0.646	0.645	0.827	05/26/2017	11:18
18	I3332-06MS3Post	40	2	2.54	100	7.54	2.36	0.000	0.392	0.392	0.503	05/26/2017	11:19
19	I3332-08		1	2.55	100	7.38	2.40	0.007	0.007	0.000	0.001	05/26/2017	11:19
20	I3340-01		1	2.58	100	7.06	2.37	0.028	0.028	0.000	0.001	05/26/2017	11:20
21	I3345-01		1	2.56	100	7.12	2.39	0.018	0.018	0.000	0.001	05/26/2017	11:20
22	I3347-01		1	2.52	100	7.24	2.34	0.002	0.002	0.000	0.001	05/26/2017	11:21
23	I3348-01		1	2.57	100	7.36	2.42	0.072	0.072	0.000	0.001	05/26/2017	11:21
24	I3349-01		1	2.54	100	7.49	2.19	0.026	0.026	0.000	0.001	05/26/2017	11:22
25	I3366-01		1	2.54	100	7.41	2.17	0.030	0.030	0.000	0.001	05/26/2017	11:22
26	CCV3	0.5	1	100	100		2.11	0.000	0.391	0.391	0.502	05/26/2017	11:23
27	CCB3		1	100	100		2.05	0.000	0.000	0.000	0.001	05/26/2017	11:23