

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB89656

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP57427
Calibration Std. hexchrome 0.05 ppm	WP57426
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP57429
Calibratation STD Hexa Chrome 0.5 PPM	WP57428
calibration std. hexchrome 0.01 ppm	WP57424
calibration std. hexchrome 0 ppm	WP57423
Hexavalent Chromium ICV Std.	WP57430
Hexavalent Chromium CCV Std	WP57431
hexavalent chromium color reagent	WP57401
HNO3 Hex-Chrome, 5M	WP56413
Calibration std Hexachrome, 0.025ppm	WP57425

Intercept: 0.0003

Slope: 0.7792

Regression: 0.99993

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		1.99	0.000	0.000	0.000	08/22/2017	16:23
2	CAL2	0.01	1	100	100		1.68	0.000	0.008	0.008	08/22/2017	16:23
3	CAL3	0.025	1	100	100		2.35	0.000	0.017	0.017	08/22/2017	16:24
4	CAL4	0.05	1	100	100		2.20	0.000	0.038	0.038	08/22/2017	16:24
5	CAL5	0.1	1	100	100		1.71	0.000	0.079	0.079	08/22/2017	16:25
6	CAL6	0.5	1	100	100		2.38	0.000	0.397	0.397	08/22/2017	16:25
7	CAL7	1	1	100	100		2.46	0.000	0.776	0.776	08/22/2017	16:26

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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		2.08	0.000	0.389	0.389	0.499	08/22/2017	16:26
2	ICB		1	100	100		7.52	0.000	0.000	0.000	0.000	08/22/2017	16:27
3	CCV1	0.5	1	100	100		2.36	0.000	0.390	0.390	0.500	08/22/2017	16:27
4	CCB1		1	100	100		2.19	0.000	0.000	0.000	0.000	08/22/2017	16:28
5	PB101753BL		1	2.55	100	7.71	1.63	0.000	0.000	0.000	0.000	08/22/2017	16:28
6	PB101753BS	20	1	2.54	100	7.25	2.25	0.000	0.378	0.378	0.485	08/22/2017	16:29
7	I4908-01		1	2.53	100	7.63	2.37	0.021	0.021	0.000	0.000	08/22/2017	16:29
8	I4908-04		1	2.55	100	7.08	1.88	0.040	0.040	0.000	0.000	08/22/2017	16:30
9	I4909-01		1	2.50	100	7.13	1.75	0.010	0.010	0.000	0.000	08/22/2017	16:30
10	I4909-01DUP		1	2.52	100	7.22	2.30	0.009	0.009	0.000	0.000	08/22/2017	16:31
11	I4909-01MSPre	40	2	2.51	100	7.46	2.24	0.012	0.363	0.351	0.450	08/22/2017	16:31
12	I4909-01MS2Ins	1284	40	2.51	100	7.34	1.69	0.011	0.625	0.614	0.788	08/22/2017	16:32
13	I4909-01MS3Post	40	2	2.54	100	7.91	1.54	0.014	0.369	0.355	0.455	08/22/2017	16:32
14	I4914-01		1	2.54	100	7.85	2.05	0.023	0.023	0.000	0.000	08/22/2017	16:33
15	CCV2	0.5	1	100	100		1.97	0.0000	0.391	0.391	0.501	08/22/2017	16:33
16	CCB2		1	100	100		1.86	0.000	0.000	0.000	0.000	08/22/2017	16:34
17	I4914-04		1	2.51	100	7.46	2.33	0.014	0.014	0.000	0.000	08/22/2017	16:34
18	I4915-01		1	2.52	100	7.32	2.27	0.012	0.012	0.000	0.000	08/22/2017	16:35
19	I4915-04		1	2.54	100	7.49	2.41	0.011	0.011	0.000	0.000	08/22/2017	16:35
20	I4920-01		1	2.50	100	7.51	1.82	0.026	0.026	0.000	0.000	08/22/2017	16:36
21	I4920-03		1	2.51	100	7.32	1.62	0.031	0.031	0.000	0.000	08/22/2017	16:36
22	CCV3	0.5	1	100	100		2.11	0.000	0.391	0.391	0.501	08/22/2017	16:37
23	CCB3		1	100	100		2.40	0.000	0.000	0.000	0.000	08/22/2017	16:37