

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB89597

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP57365
Calibration Std. hexchrome 0.05 ppm	WP57363
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP57367
Calibratation STD Hexa Chrome 0.5 PPM	WP57366
calibration std. hexchrome 0.01 ppm	WP57362
calibration std. hexchrome 0 ppm	WP57361
Hexavalent Chromium ICV Std.	WP57368
Hexavalent Chromium CCV Std	WP57369
hexavalent chromium color reagent	WP57371
HNO3 Hex-Chrome, 5M	WP56413
Calibration std Hexachrome, 0.025ppm	WP57364

Intercept: 0.0003

Slope: 0.7779

Regression: 0.999942

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		2.36	0.000	0.000	0.000	08/18/2017	13:10
2	CAL2	0.01	1	100	100		2.20	0.000	0.008	0.008	08/18/2017	13:10
3	CAL3	0.025	1	100	100		2.28	0.000	0.018	0.018	08/18/2017	13:11
4	CAL4	0.05	1	100	100		2.10	0.000	0.039	0.039	08/18/2017	13:11
5	CAL5	0.1	1	100	100		2.18	0.000	0.077	0.077	08/18/2017	13:12
6	CAL6	0.5	1	100	100		2.04	0.000	0.396	0.396	08/18/2017	13:12
7	CAL7	1	1	100	100		1.88	0.000	0.775	0.775	08/18/2017	13:13



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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		1.57	0.000	0.392	0.392	0.504	08/18/2017	13:13
2	ICB		1	100	100		2.33	0.000	0.000	0.000	0.000	08/18/2017	13:14
3	CCV1	0.5	1	100	100		1.69	0.000	0.393	0.393	0.505	08/18/2017	13:14
4	CCB1		1	100	100		1.84	0.000	0.000	0.000	0.000	08/18/2017	13:15
5	PB101679BL		1	2.54	100	7.23	2.05	0.000	0.000	0.000	0.000	08/18/2017	13:15
6	PB101679BS	20	1	2.53	100	7.39	1.74	0.000	0.393	0.393	0.505	08/18/2017	13:16
7	I4844-01		1	2.54	100	7.82	1.80	0.012	0.012	0.000	0.000	08/18/2017	13:16
8	I4845-01		1	2.50	100	7.44	1.59	0.023	0.023	0.000	0.000	08/18/2017	13:17
9	I4847-01		1	2.51	100	7.56	2.13	0.037	0.037	0.000	0.000	08/18/2017	13:17
10	I4847-06		1	2.53	100	7.88	1.52	0.041	0.041	0.000	0.000	08/18/2017	13:18
11	I4849-01		1	2.51	100	7.90	1.76	0.085	0.086	0.001	0.001	08/18/2017	13:18
12	I4852-01		1	2.52	100	7.25	1.89	0.029	0.029	0.000	0.000	08/18/2017	13:35
13	I4852-04		1	2.55	100	7.12	2.30	0.011	0.011	0.000	0.000	08/18/2017	13:19
14	I4852-04DUP		1	2.50	100	7.25	2.24	0.012	0.012	0.000	0.000	08/18/2017	13:19
15	CCV2	0.5	1	100	100		2.07	0.000	0.394	0.394	0.506	08/18/2017	13:20
16	CCB2		1	100	100		1.60	0.000	0.000	0.000	0.000	08/18/2017	13:21
17	I4852-04MSPre	40	2	2.51	100	7.08	2.27	0.013	0.365	0.352	0.452	08/18/2017	13:20
18	I4852-04MS2Ins	1284	40	2.53	100	7.19	1.55	0.014	0.648	0.634	0.815	08/18/2017	13:21
19	I4852-04MS3Post	40	2	2.55	100	7.33	1.82	0.015	0.375	0.360	0.462	08/18/2017	13:22
20	I4852-04MSD	40	2	2.50	100	7.08	2.27	0.013	0.365	0.352	0.452	08/18/2017	13:22
21	I4875-01		1	2.54	100	7.77	2.34	0.015	0.015	0.000	0.000	08/18/2017	13:23
22	I4875-04		1	2.55	100	7.63	2.44	0.011	0.011	0.000	0.000	08/18/2017	13:23
23	I4875-07		1	2.52	100	7.24	1.83	0.025	0.025	0.000	0.000	08/18/2017	13:24
24	I4875-10		1	2.53	100	7.68	1.76	0.008	0.008	0.000	0.000	08/18/2017	13:24
25	I4875-13		1	2.52	100	7.31	1.59	0.019	0.019	0.000	0.000	08/18/2017	13:25
26	I4879-01		1	2.51	100	7.22	2.59	0.011	0.011	0.000	0.000	08/18/2017	13:25
27	CCV3	0.5	1	100	100		2.40	0.000	0.394	0.394	0.506	08/18/2017	13:26
28	CCB3		1	100	100		2.28	0.000	0.000	0.000	0.000	08/18/2017	13:26