

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB89170

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP56823
Calibration Std. hexchrome 0.05 ppm	WP56822
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP56825
Calibratation STD Hexa Chrome 0.5 PPM	WP56824
calibration std. hexchrome 0.01 ppm	WP56820
calibration std. hexchrome 0 ppm	WP56819
Hexavalent Chromium ICV Std.	WP56826
Hexavalent Chromium CCV Std	WP56839
hexavalent chromium color reagent	WP56710
HNO3 Hex-Chrome, 5M	WP56413
Calibration std Hexachrome, 0.025ppm	WP56821

Intercept: 0.0002

Slope: 0.7802

Regression: 0.999932

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		2.30	0.000	0.000	0.000	08/01/2017	14:01
2	CAL2	0.01	1	100	100		2.20	0.000	0.006	0.006	08/01/2017	14:01
3	CAL3	0.025	1	100	100		1.93	0.000	0.017	0.017	08/01/2017	14:02
4	CAL4	0.05	1	100	100		2.15	0.000	0.039	0.039	08/01/2017	14:02
5	CAL5	0.1	1	100	100		1.78	0.000	0.080	0.080	08/01/2017	14:03
6	CAL6	0.5	1	100	100		2.44	0.000	0.397	0.397	08/01/2017	14:03
7	CAL7	1	1	100	100		1.69	0.000	0.777	0.777	08/01/2017	14:04



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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	0.390	0.390	0.500	08/01/2017	14:04
2	ICB		1	100	100		1.79	0.000	0.000	0.000	0.000	08/01/2017	14:05
3	CCV1	0.5	1	100	100		1.55	0.000	0.391	0.391	0.501	08/01/2017	14:05
4	CCB1		1	100	100		2.19	0.000	0.000	0.000	0.000	08/01/2017	14:06
5	PB101128BL		1	2.55	100	7.81	1.89	0.000	0.000	0.000	0.000	08/01/2017	14:06
6	PB101128BS	20	1	2.50	100	7.15	2.46	0.000	0.390	0.390	0.500	08/01/2017	14:07
7	I4511-02		1	2.51	100	7.03	2.31	0.038	0.038	0.000	0.000	08/01/2017	14:07
8	I4512-01		1	2.50	100	7.10	2.20	0.008	0.008	0.000	0.000	08/01/2017	14:08
9	I4524-01		1	2.52	100	7.62	1.60	0.033	0.033	0.000	0.000	08/01/2017	14:08
10	I4524-01DUP		1	2.54	100	7.40	2.13	0.034	0.034	0.000	0.000	08/01/2017	14:09
11	I4524-01MSPre	40	2	2.51	100	7.34	1.68	0.033	0.264	0.231	0.296	08/01/2017	14:09
12	I4524-01MS2Ins	1284	40	2.54	100	7.77	1.70	0.019	0.637	0.618	0.792	08/01/2017	14:10
13	I4524-01MS3Post	40	2	2.53	100	7.28	2.40	0.036	0.301	0.265	0.339	08/01/2017	14:10
14	I4534-01		1	2.54	100	7.69	2.19	0.012	0.013	0.001	0.001	08/01/2017	14:11
15	CCV2	0.5	1	100	100		2.25	0.000	0.391	0.391	0.501	08/01/2017	14:11
16	CCB2		1	100	100		2.25	0.000	0.000	0.000	0.000	08/01/2017	14:12
17	I4539-01		1	2.51	100	7.34	1.73	0.010	0.010	0.000	0.000	08/01/2017	14:12
18	I4539-05		1	2.55	100	7.21	2.48	0.013	0.013	0.000	0.000	08/01/2017	14:13
19	I4540-01		1	2.50	100	7.88	1.90	0.045	0.046	0.001	0.001	08/01/2017	14:13
20	I4540-05		1	2.52	100	7.56	1.62	0.051	0.051	0.000	0.000	08/01/2017	14:14
21	I4540-09		1	2.54	100	7.23	1.73	0.023	0.023	0.000	0.000	08/01/2017	14:14
22	I4540-13		1	2.51	100	7.45	2.28	0.059	0.059	0.000	0.000	08/01/2017	14:15
23	I4540-17		1	2.55	100	7.14	1.83	0.044	0.044	0.000	0.000	08/01/2017	14:15
24	I4540-21		1	2.53	100	7.66	1.77	0.038	0.038	0.000	0.000	08/01/2017	14:16
25	I4541-01		1	2.52	100	7.39	1.63	0.030	0.030	0.000	0.000	08/01/2017	14:16
26	I4541-05		1	2.54	100	7.22	2.33	0.054	0.055	0.001	0.001	08/01/2017	14:17
27	CCV3	0.5	1	100	100		2.47	0.000	0.393	0.393	0.503	08/01/2017	14:17
28	CCB3		1	100	100		1.69	0.000	0.000	0.000	0.000	08/01/2017	14:18
29	I4541-09		1	2.50	100	7.38	1.73	0.041	0.041	0.000	0.000	08/01/2017	14:18
30	I4541-13		1	2.51	100	7.40	2.25	0.062	0.062	0.000	0.000	08/01/2017	14:19
31	I4542-01		1	2.55	100	7.66	2.14	0.009	0.009	0.000	0.000	08/01/2017	14:19
32	I4543-01		1	2.52	100	7.90	2.36	0.036	0.036	0.000	0.000	08/01/2017	14:20
33	I4543-04		1	2.53	100	7.46	1.73	0.028	0.028	0.000	0.000	08/01/2017	14:20
34	I4543-07		1	2.50	100	7.30	1.39	0.006	0.006	0.000	0.000	08/01/2017	14:21
35	CCV4	0.5	1	100	100		2.08	0.000	0.393	0.393	0.503	08/01/2017	14:21
36	CCB4		1	100	100		2.00	0.000	0.000	0.000	0.000	08/01/2017	14:22