

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB89954

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP57793
Calibration Std. hexchrome 0.05 ppm	WP57792
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP57795
Calibratation STD Hexa Chrome 0.5 PPM	WP57794
calibration std. hexchrome 0.01 ppm	WP57790
calibration std. hexchrome 0 ppm	WP57789
Hexavalent Chromium ICV Std.	WP57796
Hexavalent Chromium CCV Std	WP57797
hexavalent chromium color reagent	WP57799
HNO3 Hex-Chrome, 5M	WP56413
Calibration std Hexachrome, 0.025ppm	WP57791

Intercept: -0.0001

Slope: 0.7809

Regression: 0.999954

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		2.16	0.000	0.000	0.000	09/08/2017	17:01
2	CAL2	0.01	1	100	100		1.93	0.000	0.007	0.007	09/08/2017	17:01
3	CAL3	0.025	1	100	100		1.55	0.000	0.017	0.017	09/08/2017	17:02
4	CAL4	0.05	1	100	100		2.43	0.000	0.038	0.038	09/08/2017	17:02
5	CAL5	0.1	1	100	100		1.83	0.000	0.079	0.079	09/08/2017	17:03
6	CAL6	0.5	1	100	100		2.47	0.000	0.396	0.396	09/08/2017	17:03
7	CAL7	1	1	100	100		2.10	0.000	0.778	0.778	09/08/2017	17:04

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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		2.36	0.000	0.391	0.391	0.501	09/08/2017	17:04
2	ICB		1	100	100		1.77	0.000	0.000	0.000	0.000	09/08/2017	17:05
3	CCV1	0.5	1	100	100		1.80	0.000	0.392	0.392	0.502	09/08/2017	17:05
4	CCB1		1	100	100		2.25	0.000	0.000	0.000	0.000	09/08/2017	17:06
5	PB102170BL		1	2.52	100	7.36	2.39	0.000	0.000	0.000	0.000	09/08/2017	17:06
6	PB102170BS	20	1	2.55	100	7.54	2.16	0.000	0.394	0.394	0.505	09/08/2017	17:07
7	I5120-01		1	2.50	100	7.12	1.54	0.028	0.028	0.000	0.000	09/08/2017	17:07
8	I5122-01		1	2.51	100	7.36	1.78	0.031	0.031	0.000	0.000	09/08/2017	17:08
9	I5126-01		1	2.53	100	7.25	2.03	0.020	0.020	0.000	0.000	09/08/2017	17:08
10	I5133-01		1	2.54	100	7.39	1.96	0.016	0.016	0.000	0.000	09/08/2017	17:09
11	I5137-01		1	2.51	100	7.12	2.45	0.013	0.013	0.000	0.000	09/08/2017	17:09
12	I5140-01		1	2.53	100	7.05	2.33	0.079	0.079	0.000	0.000	09/08/2017	17:10
13	I5140-03		1	2.52	100	7.64	2.07	0.054	0.054	0.000	0.000	09/08/2017	17:10
14	I5140-05		1	2.54	100	7.70	2.44	0.105	0.105	0.000	0.000	09/08/2017	17:11
15	CCV2	0.5	1	100	100		1.65	0.000	0.392	0.392	0.502	09/08/2017	17:11
16	CCB2		1	100	100		1.74	0.000	0.000	0.000	0.000	09/08/2017	17:12
17	I5140-07		1	2.55	100	7.81	2.30	0.060	0.060	0.000	0.000	09/08/2017	17:12
18	I5140-09		1	2.51	100	7.90	2.35	0.071	0.071	0.000	0.000	09/08/2017	17:13
19	I5140-11		1	2.54	100	7.33	2.10	0.049	0.049	0.000	0.000	09/08/2017	17:13
20	I5140-13		1	2.55	100	7.36	1.77	0.086	0.086	0.000	0.000	09/08/2017	17:14
21	I5140-15		1	2.53	100	7.03	1.98	0.071	0.071	0.000	0.000	09/08/2017	17:14
22	I5140-17		1	2.52	100	7.14	1.81	0.053	0.053	0.000	0.000	09/08/2017	17:15
23	I5140-19		1	2.51	100	7.60	1.59	0.067	0.067	0.000	0.000	09/08/2017	17:15
24	I5156-01		1	2.50	100	7.84	2.34	0.020	0.020	0.000	0.000	09/08/2017	17:16
25	I5156-01DUP		1	2.55	100	7.60	2.28	0.019	0.019	0.000	0.000	09/08/2017	17:16
26	I5156-01MSPre	40	2	2.53	100	7.55	2.12	0.022	0.377	0.355	0.455	09/08/2017	17:17
27	CCV3	0.5	1	100	100		1.66	0.000	0.393	0.393	0.503	09/08/2017	17:17
28	CCB3		1	100	100		1.68	0.000	0.000	0.000	0.000	09/08/2017	17:18
29	I5156-01MS2Ins	1284	40	2.52	100	7.63	2.30	0.023	0.641	0.618	0.792	09/08/2017	17:18
30	I5156-01MS3Post	40	2	2.50	100	7.22	2.22	0.026	0.382	0.356	0.456	09/08/2017	17:19
31	I5156-03		1	2.50	100	7.37	1.71	0.017	0.017	0.000	0.000	09/08/2017	17:19
32	I5158-01		1	2.52	100	7.61	1.90	0.012	0.024	0.012	0.015	09/08/2017	17:20
33	CCV4	0.5	1	100	100		2.06	0.000	0.393	0.393	0.503	09/08/2017	17:20
34	CCB4		1	100	100		2.15	0.000	0.000	0.000	0.000	09/08/2017	17:21