

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB90436

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP58368
Calibration Std. hexchrome 0.05 ppm	WP58367
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP58370
Calibratation STD Hexa Chrome 0.5 PPM	WP58369
calibration std. hexchrome 0.01 ppm	WP58365
calibration std. hexchrome 0 ppm	WP58364
Hexavalent Chromium ICV Std.	WP58371
Hexavalent Chromium CCV Std	WP58372
hexavalent chromium color reagent	WP58234
HNO3 Hex-Chrome, 5M	WP58193
Calibration std Hexachrome, 0.025ppm	WP58366

Intercept: 0.0004

Slope: 0.7763

Regression: 0.999959

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		1.58	0.000	0.000	0.000	09/29/2017	15:58
2	CAL2	0.01	1	100	100		2.02	0.000	0.008	0.008	09/29/2017	15:58
3	CAL3	0.025	1	100	100		1.69	0.000	0.018	0.018	09/29/2017	15:59
4	CAL4	0.05	1	100	100		2.14	0.000	0.038	0.038	09/29/2017	15:59
5	CAL5	0.1	1	100	100		1.98	0.000	0.079	0.079	09/29/2017	16:00
6	CAL6	0.5	1	100	100		1.87	0.000	0.394	0.394	09/29/2017	16:00
7	CAL7	1	1	100	100		1.74	0.000	0.774	0.774	09/29/2017	16:01



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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		1.64	0.000	0.395	0.395	0.508	09/29/2017	16:01
2	ICB		1	100	100		1.94	0.000	0.000	0.000	-0.001	09/29/2017	16:02
3	CCV1	0.5	1	100	100		1.74	0.000	0.394	0.394	0.507	09/29/2017	16:02
4	CCB1		1	100	100		2.04	0.000	0.000	0.000	-0.001	09/29/2017	16:03
5	PB102736BL		1	2.51	100	7.16	2.22	0.000	0.000	0.000	-0.001	09/29/2017	16:03
6	PB102736BS	20	1	2.55	100	7.52	1.98	0.002	0.393	0.391	0.503	09/29/2017	16:04
7	I5509-01		1	2.55	100	7.63	1.82	0.028	0.029	0.001	0.001	09/29/2017	16:04
8	I5511-01		1	2.54	100	7.19	2.35	0.001	0.002	0.001	0.001	09/29/2017	16:05
9	I5514-01		1	2.55	100	7.77	2.17	0.020	0.021	0.001	0.001	09/29/2017	16:05
10	I5514-01DUP		1	2.54	100	7.91	2.31	0.020	0.020	0.000	-0.001	09/29/2017	16:06
11	I5514-01MSPre	40	2	2.51	100	7.84	1.68	0.020	0.218	0.198	0.255	09/29/2017	16:06
12	I5514-01MS2Ins	1284	40	2.53	100	7.23	1.72	0.000	0.641	0.641	0.825	09/29/2017	16:07
13	I5514-01MS3Post	40	2	2.52	100	7.74	2.41	0.032	0.230	0.198	0.255	09/29/2017	16:07
14	I5515-01		1	2.51	100	7.38	2.11	0.012	0.013	0.001	0.001	09/29/2017	16:08
15	CCV2	0.5	1	100	100		1.82	0.000	0.395	0.395	0.508	09/29/2017	16:08
16	CCB2		1	100	100		1.72	0.000	0.000	0.000	-0.001	09/29/2017	16:09
17	I5531-01		1	2.53	100	7.64	2.07	0.005	0.005	0.000	-0.001	09/29/2017	16:09
18	I5531-03		1	2.55	100	7.34	2.19	0.026	0.027	0.001	0.001	09/29/2017	16:10
19	I5531-05		1	2.54	100	7.11	2.27	0.007	0.007	0.000	-0.001	09/29/2017	16:10
20	I5531-07		1	2.55	100	7.68	1.99	0.031	0.032	0.001	0.001	09/29/2017	16:11
21	I5531-09		1	2.55	100	7.88	1.62	0.007	0.007	0.000	-0.001	09/29/2017	16:11
22	I5531-11		1	2.55	100	7.64	1.76	0.004	0.004	0.000	-0.001	09/29/2017	16:12
23	I5531-13		1	2.55	100	7.37	2.03	0.038	0.039	0.001	0.001	09/29/2017	16:12
24	I5531-15		1	2.50	100	7.88	1.72	0.019	0.019	0.000	-0.001	09/29/2017	16:13
25	I5531-17		1	2.53	100	7.51	1.68	0.034	0.034	0.000	-0.001	09/29/2017	16:13
26	I5531-19		1	2.51	100	7.22	2.03	0.025	0.026	0.001	0.001	09/29/2017	16:14
27	CCV3	0.5	1	100	100		2.21	0.000	0.394	0.394	0.507	09/29/2017	16:14
28	CCB3		1	100	100		1.74	0.000	0.000	0.000	-0.001	09/29/2017	16:15
29	I5532-01		1	2.52	100	7.49	2.08	0.054	0.055	0.001	0.001	09/29/2017	16:15
30	I5532-03		1	2.50	100	7.69	2.22	0.019	0.020	0.001	0.001	09/29/2017	16:16
31	I5532-05		1	2.54	100	7.24	1.83	0.051	0.051	0.000	-0.001	09/29/2017	16:16
32	I5532-07		1	2.55	100	7.31	1.66	0.033	0.034	0.001	0.001	09/29/2017	16:17
33	I5532-09		1	2.52	100	7.48	1.73	0.014	0.015	0.001	0.001	09/29/2017	16:17
34	I5532-11		1	2.55	100	7.71	2.35	0.010	0.011	0.001	0.001	09/29/2017	16:18
35	CCV4	0.5	1	100	100		2.18	0.000	0.394	0.394	0.507	09/29/2017	16:18
36	CCB4		1	100	100		1.54	0.000	0.000	0.000	-0.001	09/29/2017	16:19