

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB89906

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP57744
Calibration Std. hexchrome 0.05 ppm	WP57743
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP57746
Calibratation STD Hexa Chrome 0.5 PPM	WP57745
calibration std. hexchrome 0.01 ppm	WP57741
calibration std. hexchrome 0 ppm	WP57740
Hexavalent Chromium ICV Std.	WP57747
Hexavalent Chromium CCV Std	WP57748
hexavalent chromium color reagent	WP57683
HNO3 Hex-Chrome, 5M	WP56413
Calibration std Hexachrome, 0.025ppm	WP57742

Intercept: 0.0002

Slope: 0.7798

Regression: 0.999949

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		1.90	0.000	0.000	0.000	09/07/2017	12:28
2	CAL2	0.01	1	100	100		1.62	0.000	0.008	0.008	09/07/2017	12:28
3	CAL3	0.025	1	100	100		2.41	0.000	0.017	0.017	09/07/2017	12:29
4	CAL4	0.05	1	100	100		1.73	0.000	0.038	0.038	09/07/2017	12:30
5	CAL5	0.1	1	100	100		2.36	0.000	0.079	0.079	09/07/2017	12:30
6	CAL6	0.5	1	100	100		1.66	0.000	0.396	0.396	09/07/2017	12:31
7	CAL7	1	1	100	100		2.25	0.000	0.777	0.777	09/07/2017	12:31



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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		1.72	0.000	0.391	0.391	0.501	09/07/2017	12:32
2	ICB		1	100	100		2.05	0.000	0.000	0.000	0.000	09/07/2017	12:32
3	CCV1	0.5	1	100	100		2.11	0.000	0.392	0.392	0.502	09/07/2017	12:33
4	CCB1		1	100	100		1.69	0.000	0.000	0.000	0.000	09/07/2017	12:33
5	PB102107BL		1	2.51	100	7.14	2.14	0.000	0.000	0.000	0.000	09/07/2017	12:34
6	PB102107BS	20	1	2.54	100	7.62	2.33	0.000	0.398	0.398	0.510	09/07/2017	12:34
7	I5071-01		1	2.52	100	7.33	1.72	0.009	0.009	0.000	0.000	09/07/2017	12:35
8	I5071-03		1	2.53	100	7.70	2.39	0.010	0.010	0.000	0.000	09/07/2017	12:35
9	I5071-04		1	2.55	100	7.82	1.76	0.023	0.023	0.000	0.000	09/07/2017	12:36
10	I5071-07		1	2.50	100	7.76	1.82	0.010	0.010	0.000	0.000	09/07/2017	12:36
11	I5071-08		1	2.51	100	7.51	2.27	0.014	0.014	0.000	0.000	09/07/2017	12:37
12	I5071-13		1	2.54	100	7.39	2.38	0.015	0.015	0.000	0.000	09/07/2017	12:37
13	I5071-14		1	2.50	100	7.22	1.91	0.008	0.008	0.000	0.000	09/07/2017	12:38
14	I5071-17		1	2.55	100	7.10	1.60	0.006	0.006	0.000	0.000	09/07/2017	12:38
15	CCV2	0.5	1	100	100		2.07	0.000	0.392	0.392	0.502	09/07/2017	12:39
16	CCB2		1	100	100		1.55	0.000	0.000	0.000	0.000	09/07/2017	12:39
17	I5071-18		1	2.53	100	7.15	2.41	0.018	0.018	0.000	0.000	09/07/2017	12:40
18	I5094-06		1	2.53	100	7.08	1.96	0.028	0.028	0.000	0.000	09/07/2017	12:40
19	I5094-06DUP		1	2.55	100	7.11	2.09	0.027	0.027	0.000	0.000	09/07/2017	12:41
20	I5094-07Pre	40	2	2.51	100	7.30	1.67	0.031	0.076	0.045	0.057	09/07/2017	12:41
21	I5094-072Ins	1284	40	2.51	100	7.48	2.44	0.029	0.623	0.594	0.761	09/07/2017	12:42
22	I5094-073Post	40	2	2.51	100	7.50	1.77	0.041	0.096	0.055	0.070	09/07/2017	12:42
23	I5094-08	40	2	2.52	100	7.30	1.67	0.031	0.076	0.045	0.057	09/07/2017	12:43
24	CCV3	0.5	1	100	100		2.32	0.000	0.393	0.393	0.504	09/07/2017	12:43
25	CCB3		1	100	100		1.88	0.000	0.000	0.000	0.000	09/07/2017	12:44