

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB89282

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP56972
Calibration Std. hexchrome 0.05 ppm	WP56971
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP56974
Calibratation STD Hexa Chrome 0.5 PPM	WP56973
calibration std. hexchrome 0.01 ppm	WP56969
calibration std. hexchrome 0 ppm	WP56968
Hexavalent Chromium ICV Std.	WP56975
Hexavalent Chromium CCV Std	WP56976
hexavalent chromium color reagent	WP56891
HNO3 Hex-Chrome, 5M	WP56413
Calibration std Hexachrome, 0.025ppm	WP56970

Intercept: -0.0001

Slope: 0.7807

Regression: 0.999923

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		2.07	0.000	0.000	0.000	08/04/2017	15:10
2	CAL2	0.01	1	100	100		1.90	0.000	0.008	0.008	08/04/2017	15:10
3	CAL3	0.025	1	100	100		1.77	0.000	0.017	0.017	08/04/2017	15:11
4	CAL4	0.05	1	100	100		1.82	0.000	0.038	0.038	08/04/2017	15:11
5	CAL5	0.1	1	100	100		2.48	0.000	0.077	0.077	08/04/2017	15:12
6	CAL6	0.5	1	100	100		1.55	0.000	0.398	0.398	08/04/2017	15:12
7	CAL7	1	1	100	100		2.21	0.000	0.777	0.777	08/04/2017	15:13



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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		2.32	0.000	0.389	0.389	0.498	08/04/2017	15:13
2	ICB		1	100	100		1.76	0.000	0.000	0.000	0.000	08/04/2017	15:14
3	CCV1	0.5	1	100	100		1.90	0.000	0.391	0.391	0.501	08/04/2017	15:14
4	CCB1		1	100	100		2.41	0.000	0.000	0.000	0.000	08/04/2017	15:15
5	PB101245BL		1	2.51	100	7.85	2.46	0.000	0.000	0.000	0.000	08/04/2017	15:15
6	PB101245BS	20	1	2.52	100	7.10	2.04	0.000	0.382	0.382	0.489	08/04/2017	15:16
7	I4555-04		1	2.53	100	7.22	1.56	0.017	0.017	0.000	0.000	08/04/2017	15:16
8	I4555-09		1	2.53	100	7.30	2.13	0.009	0.009	0.000	0.000	08/04/2017	15:17
9	I4555-09DUP		1	2.55	100	7.64	1.71	0.010	0.010	0.000	0.000	08/04/2017	15:17
10	I4555-09MSPre	40	2	2.50	100	7.91	1.58	0.011	0.366	0.355	0.455	08/04/2017	15:18
11	I4555-09MS2Ins	1284	40	2.50	100	7.30	2.21	0.010	0.625	0.615	0.788	08/04/2017	15:18
12	I4555-09MS3Post	40	2	2.54	100	7.27	1.90	0.013	0.370	0.357	0.457	08/04/2017	15:19
13	I4582-01		1	2.54	100	7.44	2.06	0.041	0.042	0.001	0.001	08/04/2017	15:19
14	I4582-02		1	2.53	100	7.50	1.88	0.045	0.045	0.000	0.000	08/04/2017	15:20
15	CCV2	0.5	1	100	100		1.63	0.000	0.391	0.391	0.501	08/04/2017	15:20
16	CCB2		1	100	100		2.20	0.000	0.000	0.000	0.000	08/04/2017	15:21
17	I4584-01		1	2.55	100	7.62	2.39	0.008	0.008	0.000	0.000	08/04/2017	15:21
18	I4585-01		1	2.51	100	7.14	2.44	0.010	0.010	0.000	0.000	08/04/2017	15:22
19	I4586-01		1	2.52	100	7.04	2.36	0.074	0.076	0.002	0.003	08/04/2017	15:22
20	I4591-01		1	2.50	100	7.62	1.59	0.005	0.005	0.000	0.000	08/04/2017	15:23
21	I4591-04		1	2.55	100	7.55	2.33	0.016	0.016	0.000	0.000	08/04/2017	15:23
22	I4592-01		1	2.50	100	7.59	1.85	0.017	0.017	0.000	0.000	08/04/2017	15:24
23	I4594-01		1	2.52	100	7.71	1.66	0.007	0.007	0.000	0.000	08/04/2017	15:24
24	CCV3	0.5	1	100	100		2.45	0.000	0.392	0.392	0.502	08/04/2017	15:25
25	CCB3		1	100	100		2.21	0.000	0.000	0.000	0.000	08/04/2017	15:25