

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB89429

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP57162
Calibration Std. hexchrome 0.05 ppm	WP57161
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP57164
Calibratation STD Hexa Chrome 0.5 PPM	WP57163
calibration std. hexchrome 0.01 ppm	WP57159
calibration std. hexchrome 0 ppm	WP57158
Hexavalent Chromium ICV Std.	WP57165
Hexavalent Chromium CCV Std	WP57166
hexavalent chromium color reagent	WP57168
HNO3 Hex-Chrome, 5M	WP56413
Calibration std Hexachrome, 0.025ppm	WP57160

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		2.41	0.000	0.000	0.000	08/11/2017	12:10
2	CAL2	0.01	1	100	100		2.05	0.000	0.007	0.007	08/11/2017	12:10
3	CAL3	0.025	1	100	100		1.76	0.000	0.017	0.017	08/11/2017	12:11
4	CAL4	0.05	1	100	100		1.54	0.000	0.038	0.038	08/11/2017	12:11
5	CAL5	0.1	1	100	100		2.35	0.000	0.079	0.079	08/11/2017	12:12
6	CAL6	0.5	1	100	100		2.26	0.000	0.396	0.396	08/11/2017	12:12
7	CAL7	1	1	100	100		1.89	0.000	0.778	0.778	08/11/2017	12:13



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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		2.41	0.000	0.392	0.392	0.502	08/11/2017	12:13
2	ICB		1	100	100		1.73	0.000	0.000	0.000	0.000	08/11/2017	12:14
3	CCV1	0.5	1	100	100		1.58	0.000	0.393	0.393	0.503	08/11/2017	12:14
4	CCB1		1	100	100		2.36	0.000	0.000	0.000	0.000	08/11/2017	12:15
5	PB101427BL		1	2.55	100	7.30	2.10	0.000	0.000	0.000	0.000	08/11/2017	12:15
6	PB101427BS	20	1	2.53	100	7.21	2.24	0.000	0.412	0.412	0.528	08/11/2017	12:16
7	I4683-01		1	2.54	100	7.28	1.89	0.102	0.102	0.000	0.000	08/11/2017	12:16
8	I4688-01		1	2.50	100	7.57	1.74	0.004	0.004	0.000	0.000	08/11/2017	12:17
9	I4688-01DUP		1	2.51	100	7.63	2.12	0.003	0.003	0.000	0.000	08/11/2017	12:17
10	I4688-01MSPre	40	2	2.54	100	7.79	2.21	0.005	0.381	0.376	0.482	08/11/2017	12:18
11	I4688-01MS2Ins	1284	40	2.52	100	7.33	1.88	0.003	0.639	0.636	0.815	08/11/2017	12:18
12	I4688-01MS3Post	40	2	2.55	100	7.46	1.90	0.007	0.385	0.378	0.484	08/11/2017	12:19
13	I4689-01		1	2.53	100	7.89	1.15	0.008	0.008	0.000	0.000	08/11/2017	12:19
14	I4695-01		1	2.50	100	7.64	2.31	0.007	0.009	0.002	0.003	08/11/2017	12:20
15	CCV2	0.5	1	100	100		2.28	0.000	0.393	0.393	0.503	08/11/2017	12:20
16	CCB2		1	100	100		2.14	0.000	0.000	0.000	0.000	08/11/2017	12:21
17	I4699-01		1	2.51	100	7.30	1.77	0.011	0.011	0.000	0.000	08/11/2017	12:21
18	I4700-01		1	2.55	100	7.12	1.93	0.014	0.014	0.000	0.000	08/11/2017	12:22
19	I4700-04		1	2.53	100	7.10	1.69	0.016	0.016	0.000	0.000	08/11/2017	12:22
20	I4700-07		1	2.50	100	7.64	1.55	0.022	0.022	0.000	0.000	08/11/2017	12:23
21	I4705-01		1	2.52	100	7.91	2.10	0.035	0.035	0.000	0.000	08/11/2017	12:23
22	I4705-04		1	2.50	100	7.55	2.47	0.028	0.029	0.001	0.001	08/11/2017	12:24
23	I4706-01		1	2.51	100	7.98	1.84	0.030	0.030	0.000	0.000	08/11/2017	12:24
24	I4717-01		1	2.55	100	7.30	1.65	0.027	0.027	0.000	0.000	08/11/2017	12:25
25	I4727-01		1	2.50	100	7.61	2.39	0.036	0.036	0.000	0.000	08/11/2017	12:25
26	I4730-01		1	2.52	100	7.42	2.25	0.028	0.028	0.000	0.000	08/11/2017	12:26
27	CCV3	0.5	1	100	100		1.77	0.000	0.394	0.394	0.505	08/11/2017	12:26
28	CCB3		1	100	100		2.16	0.000	0.000	0.000	0.000	08/11/2017	12:27