

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB92043

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP60232
Calibration Std. hexchrome 0.05 ppm	WP60218
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP60220
Calibratation STD Hexa Chrome 0.5 PPM	WP60219
calibration std. hexchrome 0.01 ppm	WP60216
calibration std. hexchrome 0 ppm	WP60215
Hexavalent Chromium ICV Std.	WP60221
Hexavalent Chromium CCV Std	WP60222
hexavalent chromium color reagent	WP60151
HNO3 Hex-Chrome, 5M	WP58774
Calibration std Hexachrome, 0.025ppm	WP60217

Intercept: 0.0001

Slope: 0.7806

Regression: 0.999956

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		2.10	0.000	0.000	0.000	12/08/2017	13:55
2	CAL2	0.01	1	100	100		2.36	0.000	0.008	0.008	12/08/2017	13:55
3	CAL3	0.025	1	100	100		1.77	0.000	0.017	0.017	12/08/2017	13:56
4	CAL4	0.05	1	100	100		1.83	0.000	0.039	0.039	12/08/2017	13:56
5	CAL5	0.1	1	100	100		1.92	0.000	0.078	0.078	12/08/2017	13:57
6	CAL6	0.5	1	100	100		2.17	0.000	0.396	0.396	12/08/2017	13:57
7	CAL7	1	1	100	100		2.05	0.000	0.778	0.778	12/08/2017	13:58



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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		2.44	0.000	0.391	0.391	0.501	12/08/2017	13:58
2	ICB		1	100	100		2.21	0.000	0.000	0.000	0.000	12/08/2017	13:59
3	CCV1	0.5	1	100	100		1.71	0.000	0.392	0.392	0.502	12/08/2017	13:59
4	CCB1		1	100	100		1.85	0.000	0.000	0.000	0.000	12/08/2017	14:00
5	PB104859BL		1	2.51	100	7.20	1.99	0.000	0.000	0.000	0.000	12/08/2017	14:00
6	PB104859BS	20	1	2.53	100	7.63	2.12	0.000	0.373	0.373	0.478	12/08/2017	14:01
7	I6677-01		1	2.54	100	7.10	2.33	0.023	0.023	0.000	0.000	12/08/2017	14:02
8	I6677-03		1	2.55	100	7.28	2.27	0.012	0.012	0.000	0.000	12/08/2017	14:02
9	I6764-01		1	2.52	100	7.91	1.76	0.044	0.044	0.000	0.000	12/08/2017	14:03
10	I6764-02		1	2.55	100	7.85	2.09	0.009	0.014	0.005	0.006	12/08/2017	14:03
11	I6764-03		1	2.54	100	7.24	2.05	0.010	0.020	0.010	0.013	12/08/2017	14:04
12	I6764-04		1	2.50	100	7.30	1.84	0.051	0.051	0.000	0.000	12/08/2017	14:04
13	I6764-05		1	2.55	100	7.16	2.05	0.026	0.028	0.002	0.002	12/08/2017	14:05
14	I6764-06		1	2.50	100	7.41	1.91	0.007	0.015	0.008	0.010	12/08/2017	14:05
15	CCV2	0.5	1	100	100		1.87	0.000	0.392	0.392	0.502	12/08/2017	14:06
16	CCB2		1	100	100		1.55	0.000	0.000	0.000	0.000	12/08/2017	14:06
17	I6764-07		1	2.52	100	7.17	2.18	0.042	0.042	0.000	0.000	12/08/2017	14:07
18	I6764-08		1	2.55	100	7.63	2.40	0.045	0.045	0.000	0.000	12/08/2017	14:07
19	I6764-09		1	2.51	100	7.71	2.36	0.017	0.017	0.000	0.000	12/08/2017	14:08
20	I6764-10		1	2.50	100	7.22	1.15	0.011	0.013	0.002	0.002	12/08/2017	14:08
21	I6764-11		1	2.54	100	7.36	2.33	0.010	0.012	0.002	0.002	12/08/2017	14:09
22	I6764-11DUP		1	2.50	100	7.44	1.76	0.011	0.013	0.002	0.002	12/08/2017	14:09
23	I6764-11MSPre	40	2	2.55	100	7.56	2.19	0.015	0.265	0.250	0.320	12/08/2017	14:10
24	I6764-11MS2Ins	1284	40	2.55	100	7.88	2.30	0.011	0.629	0.618	0.792	12/08/2017	14:10
25	I6764-11MS3Post	40	2	2.55	100	7.59	1.61	0.016	0.329	0.313	0.401	12/08/2017	14:11
26	I6789-01		1	2.55	100	7.34	2.03	0.010	0.010	0.000	0.000	12/08/2017	14:11
27	CCV3	0.5	1	100	100		2.38	0.000	0.393	0.393	0.503	12/08/2017	14:12
28	CCB3		1	100	100		2.11	0.000	0.000	0.000	0.000	12/08/2017	14:12