

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB95773

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP64976
Calibration Std. hexchrome 0.05 ppm	WP64975
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP64978
Calibratation STD Hexa Chrome 0.5 PPM	WP64977
calibration std. hexchrome 0.01 ppm	WP64973
calibration std. hexchrome 0 ppm	WP64971
Hexavalent Chromium ICV Std.	WP64985
Hexavalent Chromium CCV Std	WP64980
hexavalent chromium color reagent	WP64916
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP64974

Intercept: 0.0003

Slope: 0.7685

Regression: 0.999978

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		2.13	0.000	0.000	0.000	06/01/2018	15:00
2	CAL2	0.01	1	100	100		1.88	0.000	0.008	0.008	06/01/2018	15:00
3	CAL3	0.025	1	100	100		1.54	0.000	0.017	0.017	06/01/2018	15:00
4	CAL4	0.05	1	100	100		2.23	0.000	0.039	0.039	06/01/2018	15:01
5	CAL5	0.1	1	100	100		2.31	0.000	0.078	0.078	06/01/2018	15:01
6	CAL6	0.5	1	100	100		1.60	0.000	0.388	0.388	06/01/2018	15:02
7	CAL7	1	1	100	100		2.45	0.000	0.767	0.767	06/01/2018	15:02



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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		1.70	0.000	0.390	0.390	0.507	06/01/2018	15:03
2	ICB		1	100	100		1.69	0.000	0.000	0.000	0.000	06/01/2018	15:03
3	CCV1	0.5	1	100	100		2.03	0.000	0.390	0.390	0.507	06/01/2018	15:04
4	CCB1		1	100	100		2.46	0.000	0.000	0.000	0.000	06/01/2018	15:04
5	PB109888BL		1	2.54	100	7.13	1.73	0.000	0.000	0.000	0.000	06/01/2018	15:05
6	PB109888BS	20	1	2.55	100	7.25	1.95	0.000	0.377	0.377	0.490	06/01/2018	15:05
7	J3226-01		1	2.50	100	7.13	2.14	0.087	0.087	0.000	0.000	06/01/2018	15:06
8	J3226-04		1	2.52	100	1.89	1.63	0.021	0.021	0.000	0.000	06/01/2018	15:06
9	J3227-01		1	2.53	100	7.10	2.10	0.066	0.066	0.000	0.000	06/01/2018	15:07
10	J3235-01		1	2.50	100	7.69	2.34	0.006	0.006	0.000	0.000	06/02/2018	15:07
11	J3235-02		1	2.55	100	7.23	2.21	0.010	0.010	0.000	0.000	06/01/2018	15:08
12	J3235-03		1	2.54	100	7.40	1.76	0.007	0.007	0.000	0.000	06/01/2018	15:08
13	J3235-04		1	2.53	100	7.90	1.82	0.008	0.008	0.000	0.000	06/01/2018	15:09
14	J3235-05		1	2.51	100	7.55	2.33	0.009	0.009	0.000	0.000	06/01/2018	15:09
15	CCV2	0.5	1	100	100		2.21	0.000	0.390	0.390	0.507	06/01/2018	15:10
16	CCB2		1	100	100		1.60	0.000	0.000	0.000	0.000	06/01/2018	15:10
17	J3235-06		1	2.50	100	7.63	1.87	0.006	0.006	0.000	0.000	06/01/2018	15:11
18	J3235-06DUP		1	2.52	100	7.52	2.19	0.005	0.005	0.000	0.000	06/01/2018	15:11
19	J3235-06MSPre	40	2	2.51	100	7.33	2.35	0.008	0.366	0.358	0.465	06/01/2018	15:12
20	J3235-06MS2Ins	1284	40	2.51	100	7.41	2.22	0.007	0.607	0.600	0.780	06/01/2018	15:12
21	J3235-06MS3Post	40	2	2.51	100	7.98	1.57	0.009	0.367	0.358	0.465	06/01/2018	15:13
22	PB109887BL		1	2.51	100	7.30	1.68	0.000	0.000	0.000	0.000	06/01/2018	15:13
23	PB109887BS	20	1	2.54	100	7.33	2.23	0.000	0.380	0.380	0.494	06/01/2018	15:14
24	J2670-07		1	2.55	100	7.12	2.47	0.015	0.015	0.000	0.000	06/01/2018	15:14
25	J2672-09		1	2.53	100	7.05	1.80	0.017	0.017	0.000	0.000	06/01/2018	15:15
26	J2676-31		1	2.54	100	7.41	1.63	0.014	0.014	0.000	0.000	06/01/2018	15:15
27	CCV3	0.5	1	100	100		1.99	0.000	0.390	0.390	0.507	06/01/2018	15:16
28	CCB3		1	100	100		2.10	0.000	0.000	0.000	0.000	06/01/2018	15:16
29	J2676-33		1	2.55	100	7.66	2.15	0.033	0.033	0.000	0.000	06/01/2018	15:17
30	J2676-35		1	2.50	100	7.30	1.73	0.016	0.016	0.000	0.000	06/01/2018	15:17
31	J2676-37		1	2.52	100	7.28	1.59	0.019	0.019	0.000	0.000	06/01/2018	15:18
32	J2677-07		1	2.51	100	7.17	2.07	0.012	0.012	0.000	0.000	06/01/2018	15:18
33	J3228-01		1	2.50	100	7.98	2.38	0.020	0.064	0.044	0.057	06/01/2018	15:19
34	J3228-01DUP		1	2.53	100	7.14	1.69	0.021	0.066	0.045	0.058	06/01/2018	15:19
35	J3228-01MSPre	40	2	2.52	100	7.20	1.96	0.021	0.375	0.354	0.460	06/01/2018	15:20
36	J3228-01MS2Ins	1284	40	2.50	100	7.34	2.05	0.019	0.618	0.599	0.779	06/01/2018	15:20
37	J3228-01MS3Post	40	2	2.52	100	7.20	2.09	0.022	0.378	0.356	0.463	06/01/2018	15:21
38	CCV4	0.5	1	100	100		1.91	0.000	0.391	0.391	0.508	06/01/2018	15:21
39	CCB4		1	100	100		2.37	0.000	0.000	0.000	0.000	06/01/2018	15:22