

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB101319

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP72483
Calibratation STD Hexa Chrome 0.5 PPM	WP72482
Calibration Std. hexchrome 0.1 ppm	WP72481
Calibration Std. hexchrome 0.05 ppm	WP72480
calibration std. hexchrome 0.01 ppm	WP72478
calibration std. hexchrome 0 ppm	WP72477
Hexavalent Chromium ICV Std.	WP72484
Hexavalent Chromium CCV Std	WP72485
hexavalent chromium color reagent	WP72409
5N sulfuric acid	WP70044
Calibration std Hexachrome, 0.025ppm	WP72479
HNO3 Hex-Chrome, 5M	WP70045

Intercept: 0.0004

Slope: 0.7716

Regression: 0.999991

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		2.20	0.000	0.000	0.000	03/12/2019	15:00
2	CAL2	0.01	1	100	100		1.78	0.000	0.008	0.008	03/12/2019	15:00
3	CAL3	0.025	1	100	100		1.65	0.000	0.018	0.018	03/12/2019	15:01
4	CAL4	0.05	1	100	100		2.37	0.000	0.039	0.039	03/12/2019	15:01
5	CAL5	0.1	1	100	100		1.59	0.000	0.079	0.079	03/12/2019	15:02
6	CAL6	0.5	1	100	100		2.04	0.000	0.388	0.388	03/12/2019	15:02
7	CAL7	1	1	100	100		2.41	0.000	0.771	0.771	03/12/2019	15:03



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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		1.92	0.000	0.391	0.391	0.506	03/12/2019	15:03
2	ICB		1	100	100		1.57	0.000	0.000	0.000	-0.001	03/12/2019	15:04
3	CCV1	0.5	1	100	100		1.65	0.000	0.391	0.391	0.506	03/12/2019	15:04
4	CCB1		1	100	100		2.04	0.000	0.000	0.000	-0.001	03/12/2019	15:05
5	PB117840BL		1	2.51	100	7.25	1.68	0.000	0.000	0.000	-0.001	03/12/2019	15:05
6	PB117840BS	20	1	2.50	100	7.69	2.31	0.000	0.380	0.380	0.492	03/12/2019	15:06
7	K1687-01		1	2.55	100	7.33	2.46	0.008	0.008	0.000	-0.001	03/12/2019	15:06
8	K1687-03		1	2.53	100	7.21	1.79	0.010	0.010	0.000	-0.001	03/12/2019	15:07
9	K1687-05		1	2.50	100	7.19	1.86	0.013	0.013	0.000	-0.001	03/12/2019	15:07
10	K1697-01		1	2.51	100	7.05	2.12	0.024	0.024	0.000	-0.001	03/12/2019	15:08
11	K1697-03		1	2.54	100	7.70	2.39	0.010	0.010	0.000	-0.001	03/12/2019	15:08
12	K1697-05		1	2.50	100	7.91	1.77	0.013	0.013	0.000	-0.001	03/12/2019	15:09
13	K1697-07		1	2.53	100	7.64	2.60	0.016	0.016	0.000	-0.001	03/12/2019	15:09
14	K1830-01		1	2.52	100	7.32	2.19	0.010	0.010	0.000	-0.001	03/12/2019	15:10
15	CCV2	0.5	1	100	100		1.75	0.000	0.392	0.392	0.508	03/12/2019	15:10
16	CCB2		1	100	100		1.92	0.000	0.000	0.000	-0.001	03/12/2019	15:11
17	K1830-01DUP		1	2.50	100	7.36	2.25	0.009	0.009	0.000	-0.001	03/12/2019	15:11
18	K1830-01MSPre	40	2	2.51	100	7.15	2.33	0.012	0.369	0.357	0.462	03/12/2019	15:12
19	K1830-01MS2Ins	1284	40	2.52	100	7.02	1.82	0.009	0.618	0.609	0.789	03/12/2019	15:12
20	K1830-01MS3Post	40	2	2.51	100	7.89	1.57	0.014	0.368	0.354	0.458	03/12/2019	15:13
21	K1846-03		1	2.52	100	7.90	2.29	0.015	0.015	0.000	-0.001	03/12/2019	15:13
22	K1846-07		1	2.54	100	7.86	1.74	0.013	0.013	0.000	-0.001	03/12/2019	15:14
23	K1846-11		1	2.55	100	7.42	1.90	0.017	0.017	0.000	-0.001	03/12/2019	15:14
24	PB117857BL		1	2.51	100	7.65	2.07	0.000	0.000	0.000	-0.001	03/12/2019	15:15
25	PB117857BS	20	1	2.52	100	7.14	2.23	0.000	0.375	0.375	0.485	03/12/2019	15:15
26	K1785-01		1	2.52	100	7.10	2.38	0.045	0.045	0.000	-0.001	03/12/2019	15:16
27	CCV3	0.5	1	100	100		1.89	0.000	0.392	0.392	0.508	03/12/2019	15:16
28	CCB3		1	100	100		1.67	0.000	0.000	0.000	-0.001	03/12/2019	15:17
29	K1785-02		1	2.53	100	7.62	2.10	0.071	0.071	0.000	-0.001	03/12/2019	15:17
30	K1785-03		1	2.50	100	7.55	2.37	0.084	0.084	0.000	-0.001	03/12/2019	15:18
31	K1785-04		1	2.55	100	7.98	1.94	0.066	0.066	0.000	-0.001	03/12/2019	15:18
32	K1785-04DUP		1	2.51	100	7.60	1.88	0.067	0.067	0.000	-0.001	03/12/2019	15:19
33	K1785-07		1	2.54	100	7.22	2.11	0.095	0.095	0.000	-0.001	03/12/2019	15:19
34	K1785-11MSPre	40	2	2.50	100	7.16	2.27	0.069	0.189	0.120	0.155	03/12/2019	15:20
35	K1785-11MS2Ins	1284	40	2.53	100	7.43	2.39	0.067	0.648	0.581	0.752	03/12/2019	15:20
36	K1785-11MS3Post	40	2	2.52	100	7.20	1.84	0.071	0.304	0.233	0.301	03/12/2019	15:21
37	K1847-14		1	2.54	100	7.55	1.91	0.037	0.037	0.000	-0.001	03/12/2019	15:21
38	K1847-15		1	2.50	100	7.69	1.63	0.029	0.029	0.000	-0.001	03/12/2019	15:22
39	CCV4	0.5	1	100	100		2.07	0.000	0.392	0.392	0.508	03/12/2019	15:22
40	CCB4		1	100	100		2.44	0.000	0.000	0.000	-0.001	03/12/2019	15:23
41	K1847-16		1	2.52	100	7.11	1.69	0.040	0.040	0.000	-0.001	03/12/2019	15:23
42	K1847-17		1	2.55	100	7.33	1.55	0.024	0.024	0.000	-0.001	03/12/2019	15:24

43	K1847-18		1	2.50	100	7.54	2.27	0.015	0.015	0.000	-0.001	03/12/2019	15:24
44	CCV5	0.5	1	100	100		1.78	0.000	0.393	0.393	0.509	03/12/2019	15:25
45	CCB5		1	100	100		2.31	0.000	0.000	0.000	-0.001	03/12/2019	15:25