

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB98491

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP68558
Calibration Std. hexchrome 0.05 ppm	WP68557
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP68562
Calibratation STD Hexa Chrome 0.5 PPM	WP68561
calibration std. hexchrome 0.01 ppm	WP68555
calibration std. hexchrome 0 ppm	WP68554
Hexavalent Chromium ICV Std.	WP68563
Hexavalent Chromium CCV Std	WP68564
hexavalent chromium color reagent	WP68544
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP68556

Intercept: 0.0004

Slope: 0.7715

Regression: 0.999979

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		2.18	0.000	0.000	0.000	10/09/2018	14:00
2	CAL2	0.01	1	100	100		2.36	0.000	0.008	0.008	10/09/2018	14:00
3	CAL3	0.025	1	100	100		1.95	0.000	0.018	0.018	10/09/2018	14:01
4	CAL4	0.05	1	100	100		1.77	0.000	0.039	0.039	10/09/2018	14:01
5	CAL5	0.1	1	100	100		1.80	0.000	0.078	0.078	10/09/2018	14:02
6	CAL6	0.5	1	100	100		2.08	0.000	0.390	0.390	10/09/2018	14:02
7	CAL7	1	1	100	100		1.63	0.000	0.770	0.770	10/09/2018	14:03



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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		1.88	0.000	0.390	0.390	0.505	10/09/2018	14:03
2	ICB		1	100	100		1.72	0.000	0.000	0.000	-0.001	10/09/2018	14:04
3	CCV1	0.5	1	100	100		2.25	0.000	0.390	0.390	0.505	10/09/2018	14:04
4	CCB1		1	100	100		2.16	0.000	0.000	0.000	-0.001	10/09/2018	14:05
5	PB113669BL		1	2.53	100	7.33	1.98	0.000	0.000	0.000	-0.001	10/09/2018	14:05
6	PB113669BS	20	1	2.54	100	7.21	1.74	0.000	0.369	0.369	0.478	10/09/2018	14:06
7	J5201-01		1	2.51	100	7.52	2.05	0.008	0.008	0.000	-0.001	10/09/2018	14:06
8	J5201-03		1	2.55	100	7.66	2.33	0.014	0.014	0.000	-0.001	10/09/2018	14:07
9	J5201-05		1	2.53	100	7.43	1.82	0.019	0.019	0.000	-0.001	10/09/2018	14:07
10	J5270-07		1	2.51	100	7.69	1.64	0.015	0.015	0.000	-0.001	10/09/2018	14:08
11	J5287-02		1	2.52	100	7.56	2.33	0.017	0.017	0.000	-0.001	10/09/2018	14:08
12	J5287-05		1	2.55	100	7.91	2.42	0.006	0.006	0.000	-0.001	10/09/2018	14:09
13	J5287-08		1	2.55	100	7.32	2.69	0.008	0.008	0.000	-0.001	10/09/2018	14:09
14	J5287-08DUP		1	2.51	100	7.20	1.63	0.009	0.009	0.000	-0.001	10/09/2018	14:10
15	CCV2	0.5	1	100	100		1.87	0.000	0.391	0.391	0.506	10/09/2018	14:10
16	CCB2		1	100	100		2.05	0.000	0.000	0.000	-0.001	10/09/2018	14:11
17	J5287-08MSPre	40	2	2.50	100	7.59	2.23	0.009	0.355	0.346	0.448	10/09/2018	14:11
18	J5287-08MS2Ins	1284	40	2.50	100	7.24	2.46	0.006	0.578	0.572	0.741	10/09/2018	14:12
19	J5287-08MS3Post	40	2	2.50	100	7.25	1.90	0.011	0.358	0.347	0.449	10/09/2018	14:12
20	J5287-11		1	2.50	100	7.59	1.87	0.010	0.010	0.000	-0.001	10/09/2018	14:13
21	J5287-14		1	2.51	100	7.10	2.03	0.017	0.017	0.000	-0.001	10/09/2018	14:13
22	J5287-17		1	2.52	100	7.58	2.11	0.022	0.022	0.000	-0.001	10/09/2018	14:14
23	J5300-01		1	2.54	100	7.05	2.30	0.004	0.090	0.086	0.111	10/09/2018	14:14
24	J5305-02		1	2.53	100	7.10	1.74	0.082	0.082	0.000	-0.001	10/09/2018	14:15
25	PB113670BL		1	2.53	100	7.15	1.65	0.000	0.000	0.000	-0.001	10/09/2018	14:15
26	PB113670BS	20	1	2.55	100	7.31	2.30	0.000	0.381	0.381	0.493	10/09/2018	14:16
27	CCV3	0.5	1	100	100		2.47	0.000	0.391	0.391	0.506	10/09/2018	14:16
28	CCB3		1	100	100		1.99	0.000	0.000	0.000	-0.001	10/09/2018	14:17
29	J5326-01		1	2.54	100	7.24	2.07	0.013	0.013	0.000	-0.001	10/09/2018	14:17
30	J5326-05		1	2.53	100	7.47	1.69	0.015	0.015	0.000	-0.001	10/09/2018	14:18
31	J5326-05DUP		1	2.51	100	7.56	2.10	0.016	0.016	0.000	-0.001	10/09/2018	14:18
32	J5326-05MSPre	40	2	2.50	100	7.49	2.19	0.016	0.367	0.351	0.454	10/09/2018	14:19
33	J5326-05MS2Ins	1284	40	2.50	100	7.32	1.83	0.014	0.601	0.587	0.760	10/09/2018	14:19
34	J5326-05MS3Post	40	2	2.50	100	7.18	1.66	0.016	0.370	0.354	0.458	10/09/2018	14:20
35	J5326-09		1	2.50	100	7.24	2.08	0.019	0.019	0.000	-0.001	10/09/2018	14:20
36	J5326-13		1	2.51	100	7.66	2.44	0.016	0.016	0.000	-0.001	10/09/2018	14:21
37	J5326-17		1	2.55	100	7.81	2.36	0.021	0.021	0.000	-0.001	10/09/2018	14:21
38	J5326-21		1	2.53	100	7.10	1.77	0.023	0.023	0.000	-0.001	10/09/2018	14:22
39	CCV4	0.5	1	100	100		2.20	0.000	0.391	0.391	0.506	10/09/2018	14:22
40	CCB4		1	100	100		2.18	0.000	0.000	0.000	-0.001	10/09/2018	14:23
41	J5326-25		1	2.52	100	7.63	1.59	0.030	0.030	0.000	-0.001	10/09/2018	14:23
42	J5326-29		1	2.51	100	7.71	1.66	0.022	0.022	0.000	-0.001	10/09/2018	14:24

43	J5326-33		1	2.50	100	7.10	1.84	0.033	0.033	0.000	-0.001	10/09/2018	14:24
44	J5326-36		1	2.53	100	7.55	2.35	0.006	0.006	0.000	-0.001	10/09/2018	14:25
45	J5326-39		1	2.50	100	7.10	2.40	0.010	0.012	0.002	0.002	10/09/2018	14:25
46	CCV5	0.5	1	100	100		1.76	0.000	0.391	0.391	0.506	10/09/2018	14:26
47	CCB5		1	100	100		1.63	0.000	0.000	0.000	-0.001	10/09/2018	14:26