

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB97600

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP67368
Calibration Std. hexchrome 0.05 ppm	WP67367
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP67370
Calibratation STD Hexa Chrome 0.5 PPM	WP67369
calibration std. hexchrome 0.01 ppm	WP67365
calibration std. hexchrome 0 ppm	WP67364
Hexavalent Chromium ICV Std.	WP67371
Hexavalent Chromium CCV Std	WP67372
hexavalent chromium color reagent	WP67320
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP67366

Intercept: 0.0005

Slope: 0.7707

Regression: 0.999972

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	08/28/2018	15:00
2	CAL2	0.01	1	100	100		2.46	0.000	0.007	0.007	08/28/2018	15:00
3	CAL3	0.025	1	100	100		1.98	0.000	0.018	0.018	08/28/2018	15:01
4	CAL4	0.05	1	100	100		1.74	0.000	0.039	0.039	08/28/2018	15:01
5	CAL5	0.1	1	100	100		1.80	0.000	0.079	0.079	08/28/2018	15:02
6	CAL6	0.5	1	100	100		2.23	0.000	0.390	0.390	08/28/2018	15:02
7	CAL7	1	1	100	100		1.67	0.000	0.769	0.769	08/28/2018	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		1.78	0.000	0.391	0.391	0.507	08/28/2018	15:03
2	ICB		1	100	100		1.86	0.000	0.000	0.000	-0.001	08/28/2018	15:04
3	CCV1	0.5	1	100	100		2.03	0.000	0.391	0.391	0.507	08/28/2018	15:04
4	CCB1		1	100	100		2.25	0.000	0.000	0.000	-0.001	08/28/2018	15:05
5	PB112455BL		1	2.53	100	7.22	1.63	0.000	0.000	0.000	-0.001	08/28/2018	15:05
6	PB112455BS	20	1	2.52	100	7.10	1.78	0.000	0.378	0.378	0.490	08/28/2018	15:06
7	J4274-05		1	2.50	100	7.85	2.40	0.029	0.029	0.000	-0.001	08/28/2018	15:06
8	J4274-05DUP		1	2.55	100	7.63	2.23	0.024	0.024	0.000	-0.001	08/28/2018	15:07
9	J4274-05MSPre	40	2	2.51	100	7.59	1.79	0.027	0.369	0.342	0.443	08/28/2018	15:07
10	J4274-05MS2Ins	1284	40	2.51	100	7.66	1.63	0.022	0.613	0.591	0.766	08/28/2018	15:08
11	J4274-05MS3Post	40	2	2.51	100	7.12	2.17	0.028	0.372	0.344	0.446	08/28/2018	15:08
12	J4276-05		1	2.50	100	7.49	1.88	0.024	0.024	0.000	-0.001	08/28/2018	15:09
13	J4277-09		1	2.53	100	7.20	2.46	0.021	0.021	0.000	-0.001	08/28/2018	15:09
14	J4277-11		1	2.51	100	7.36	1.90	0.018	0.018	0.000	-0.001	08/28/2018	15:10
15	CCV2	0.5	1	100	100		2.25	0.000	0.392	0.392	0.508	08/28/2018	15:10
16	CCB2		1	100	100		1.87	0.000	0.000	0.000	-0.001	08/28/2018	15:11
17	J4661-02		1	2.50	100	7.21	2.20	0.070	0.070	0.000	-0.001	08/28/2018	15:11
18	J4663-01		1	2.54	100	7.60	2.10	0.010	0.010	0.000	-0.001	08/28/2018	15:12
19	J4671-01		1	2.53	100	7.43	1.64	0.003	0.003	0.000	-0.001	08/28/2018	15:12
20	J4676-01		1	2.50	100	7.11	1.58	0.129	0.133	0.004	0.005	08/28/2018	15:13
21	J4676-02		1	2.51	100	7.05	2.32	0.250	1.041	0.791	1.026	08/28/2018	15:13
22	J4676-03		1	2.54	100	7.19	2.17	0.130	0.705	0.575	0.745	08/28/2018	15:14
23	J4676-02		10	2.51	100	7.05	2.32	0.008	0.108	0.100	0.129	08/28/2018	15:14
24	CCV3	0.5	1	100	100		1.80	0.000	0.392	0.392	0.508	08/28/2018	15:15
25	CCB3		1	100	100		1.61	0.000	0.000	0.000	-0.001	08/28/2018	15:15