

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB99311

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP69674
Calibration Std. hexchrome 0.05 ppm	WP69673
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP69676
Calibratation STD Hexa Chrome 0.5 PPM	WP69675
calibration std. hexchrome 0.01 ppm	WP69671
calibration std. hexchrome 0 ppm	WP69670
Hexavalent Chromium ICV Std.	WP69677
Hexavalent Chromium CCV Std	WP69678
hexavalent chromium color reagent	WP69533
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP69672

Intercept: 0.0006

Slope: 0.7713

Regression: 0.999977

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		2.28	0.000	0.000	0.000	11/19/2018	12:30
2	CAL2	0.01	1	100	100		1.77	0.000	0.008	0.008	11/19/2018	12:30
3	CAL3	0.025	1	100	100		1.62	0.000	0.018	0.018	11/19/2018	12:31
4	CAL4	0.05	1	100	100		2.08	0.000	0.039	0.039	11/19/2018	12:31
5	CAL5	0.1	1	100	100		2.45	0.000	0.079	0.079	11/19/2018	12:32
6	CAL6	0.5	1	100	100		2.33	0.000	0.390	0.390	11/19/2018	12:32
7	CAL7	1	1	100	100		1.70	0.000	0.770	0.770	11/19/2018	12:33



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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		1.87	0.000	0.390	0.390	0.505	11/19/2018	12:33
2	ICB		1	100	100		1.54	0.000	0.000	0.000	-0.001	11/19/2018	12:34
3	CCV1	0.5	1	100	100		2.10	0.000	0.391	0.391	0.506	11/19/2018	12:34
4	CCB1		1	100	100		2.25	0.000	0.000	0.000	-0.001	11/19/2018	12:35
5	PB114948BL		1	2.52	100	7.80	1.84	0.000	0.000	0.000	-0.001	11/19/2018	12:35
6	PB114948BS	20	1	2.50	100	7.25	1.92	0.000	0.367	0.367	0.475	11/19/2018	12:36
7	J5774-01		1	2.52	100	7.31	2.20	0.014	0.014	0.000	-0.001	11/19/2018	12:36
8	J5774-01DUP		1	2.53	100	7.24	2.07	0.013	0.013	0.000	-0.001	11/19/2018	12:37
9	J5774-01MSPre	40	2	2.55	100	7.66	2.15	0.015	0.352	0.337	0.436	11/19/2018	12:37
10	J5774-01MS2Ins	1284	40	2.52	100	7.79	1.65	0.011	0.605	0.594	0.769	11/19/2018	12:38
11	J5774-01MS3Post	40	2	2.54	100	7.34	2.22	0.016	0.356	0.340	0.440	11/19/2018	12:38
12	J5989-01		1	2.50	100	7.28	1.96	0.025	0.026	0.001	0.001	11/19/2018	12:39
13	J5991-01		1	2.53	100	7.10	2.34	0.016	0.016	0.000	-0.001	11/19/2018	12:39
14	J5993-01		1	2.51	100	7.06	2.22	0.039	0.039	0.000	-0.001	11/19/2018	12:40
15	CCV2	0.5	1	100	100		1.88	0.000	0.392	0.392	0.507	11/19/2018	12:40
16	CCB2		1	100	100		2.36	0.000	0.000	0.000	-0.001	11/19/2018	12:41
17	J5993-02		1	2.55	100	7.48	1.72	0.045	0.045	0.000	-0.001	11/19/2018	12:41
18	J5993-03		1	2.50	100	7.66	2.31	0.049	0.049	0.000	-0.001	11/19/2018	12:42
19	J5993-04		1	2.52	100	7.21	2.15	0.038	0.038	0.000	-0.001	11/19/2018	12:42
20	J5993-05		1	2.53	100	7.40	1.64	0.051	0.051	0.000	-0.001	11/19/2018	12:43
21	J5993-06		1	2.50	100	7.30	2.39	0.070	0.070	0.000	-0.001	11/19/2018	12:43
22	CCV3	0.5	1	100	100		2.46	0.000	0.392	0.392	0.507	11/19/2018	12:44
23	CCB3		1	100	100		1.78	0.000	0.000	0.000	-0.001	11/19/2018	12:44