

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB99547

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP69961
Calibration Std. hexchrome 0.05 ppm	WP69960
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP69963
Calibratation STD Hexa Chrome 0.5 PPM	WP69962
calibration std. hexchrome 0.01 ppm	WP69958
calibration std. hexchrome 0 ppm	WP69957
Hexavalent Chromium ICV Std.	WP69964
Hexavalent Chromium CCV Std	WP69965
hexavalent chromium color reagent	WP69799
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP69959

Intercept: 0

Slope: 0.772

Regression: 0.999974

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		1.78	0.000	0.000	0.000	12/03/2018	13:00
2	CAL2	0.01	1	100	100		2.25	0.000	0.007	0.007	12/03/2018	13:00
3	CAL3	0.025	1	100	100		2.33	0.000	0.017	0.017	12/03/2018	13:01
4	CAL4	0.05	1	100	100		1.64	0.000	0.039	0.039	12/03/2018	13:01
5	CAL5	0.1	1	100	100		1.92	0.000	0.078	0.078	12/03/2018	13:02
6	CAL6	0.5	1	100	100		2.05	0.000	0.390	0.390	12/03/2018	13:02
7	CAL7	1	1	100	100		1.64	0.000	0.770	0.770	12/03/2018	13:03



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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		1.80	0.000	0.393	0.393	0.509	12/03/2018	13:03
2	ICB		1	100	100		1.66	0.000	0.000	0.000	0.000	12/03/2018	13:04
3	CCV1	0.5	1	100	100		1.51	0.000	0.393	0.393	0.509	12/03/2018	13:04
4	CCB1		1	100	100		2.16	0.000	0.000	0.000	0.000	12/03/2018	13:05
5	PB115288BL		1	2.50	100	7.25	2.27	0.000	0.000	0.000	0.000	12/03/2018	13:05
6	PB115288BS	20	1	2.55	100	7.11	2.33	0.000	0.369	0.369	0.478	12/03/2018	13:06
7	J5764-21		1	2.50	100	7.69	1.65	0.009	0.009	0.000	0.000	12/03/2018	13:06
8	J5764-21DUP		1	2.53	100	7.33	1.74	0.011	0.011	0.000	0.000	12/03/2018	13:07
9	J5764-21MSPre	40	2	2.51	100	7.25	1.91	0.012	0.359	0.347	0.449	12/03/2018	13:07
10	J5764-21MS2Ins	1284	40	2.55	100	7.44	2.11	0.009	0.618	0.609	0.789	12/03/2018	13:08
11	J5764-21MS3Post	40	2	2.50	100	7.56	2.13	0.013	0.361	0.348	0.451	12/03/2018	13:08
12	J5764-23		1	2.53	100	7.88	1.26	0.011	0.011	0.000	0.000	12/03/2018	13:09
13	J5764-25		1	2.52	100	7.02	1.77	0.007	0.007	0.000	0.000	12/03/2018	13:09
14	J5764-27		1	2.50	100	7.31	2.27	0.019	0.019	0.000	0.000	12/03/2018	13:10
15	CCV2	0.5	1	100	100		1.82	0.000	0.392	0.392	0.508	12/03/2018	13:10
16	CCB2		1	100	100		2.30	0.000	0.000	0.000	0.000	12/03/2018	13:11
17	J5764-29		1	2.51	100	7.40	2.15	0.021	0.021	0.000	0.000	12/03/2018	13:11
18	J5775-03		1	2.52	100	7.60	2.41	0.023	0.023	0.000	0.000	12/03/2018	13:12
19	J6148-01		1	2.55	100	7.58	1.56	0.055	0.055	0.000	0.000	12/03/2018	13:12
20	J6148-03		1	2.53	100	7.64	1.63	0.041	0.041	0.000	0.000	12/03/2018	13:13
21	J6160-01		1	2.54	100	7.82	2.18	0.005	0.005	0.000	0.000	12/03/2018	13:13
22	CCV3	0.5	1	100	100		2.21	0.000	0.392	0.392	0.508	12/03/2018	13:14
23	CCB3		1	100	100		1.86	0.000	0.000	0.000	0.000	12/03/2018	13:14