

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB97311

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP67025
Calibration Std. hexchrome 0.05 ppm	WP67024
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP67027
Calibratation STD Hexa Chrome 0.5 PPM	WP67026
calibration std. hexchrome 0.01 ppm	WP67022
calibration std. hexchrome 0 ppm	WP67021
Hexavalent Chromium ICV Std.	WP67028
Hexavalent Chromium CCV Std	WP67030
hexavalent chromium color reagent	WP66955
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP67023

Intercept: 0.0006

Slope: 0.7674

Regression: 0.999975

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		2.25	0.000	0.000	0.000	08/15/2018	13:00
2	CAL2	0.01	1	100	100		1.88	0.000	0.007	0.007	08/15/2018	13:00
3	CAL3	0.025	1	100	100		2.43	0.000	0.018	0.018	08/15/2018	13:01
4	CAL4	0.05	1	100	100		2.30	0.000	0.039	0.039	08/15/2018	13:01
5	CAL5	0.1	1	100	100		2.16	0.000	0.079	0.079	08/15/2018	13:02
6	CAL6	0.5	1	100	100		2.27	0.000	0.388	0.388	08/15/2018	13:02
7	CAL7	1	1	100	100		1.66	0.000	0.766	0.766	08/15/2018	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		1.90	0.000	0.391	0.391	0.509	08/15/2018	13:03
2	ICB		1	100	100		2.33	0.000	0.000	0.000	-0.001	08/15/2018	13:04
3	CCV1	0.5	1	100	100		1.55	0.000	0.391	0.391	0.509	08/15/2018	13:04
4	CCB1		1	100	100		1.74	0.000	0.000	0.000	-0.001	08/15/2018	13:05
5	PB112088BL		1	2.53	100	7.17	2.46	0.000	0.000	0.000	-0.001	08/15/2018	13:05
6	PB112088BS	20	1	2.51	100	7.22	2.35	0.000	0.366	0.366	0.476	08/15/2018	13:06
7	J4471-01		1	2.50	100	7.39	1.73	0.018	0.018	0.000	-0.001	08/15/2018	13:06
8	J4471-05		1	2.54	100	7.21	2.23	0.016	0.016	0.000	-0.001	08/15/2018	13:07
9	J4471-09		1	2.55	100	7.18	2.41	0.014	0.014	0.000	-0.001	08/15/2018	13:07
10	J4471-13		1	2.53	100	7.46	1.69	0.019	0.019	0.000	-0.001	08/15/2018	13:08
11	J4471-17		1	2.52	100	7.55	1.88	0.022	0.022	0.000	-0.001	08/15/2018	13:08
12	J4471-21		1	2.50	100	7.63	1.95	0.016	0.016	0.000	-0.001	08/15/2018	13:09
13	J4471-25		1	2.53	100	7.72	2.27	0.010	0.010	0.000	-0.001	08/15/2018	13:09
14	J4477-01		1	2.51	100	7.89	2.15	0.012	0.012	0.000	-0.001	08/15/2018	13:10
15	CCV2	0.5	1	100	100		1.77	0.000	0.392	0.392	0.510	08/15/2018	13:10
16	CCB2		1	100	100		1.86	0.000	0.000	0.000	-0.001	08/15/2018	13:11
17	J4477-01DUP		1	2.55	100	7.93	2.16	0.013	0.013	0.000	-0.001	08/15/2018	13:11
18	J4477-01MSPre	40	2	2.54	100	7.11	2.20	0.015	0.348	0.333	0.433	08/15/2018	13:12
19	J4477-01MS2Ins	1284	40	2.54	100	7.05	1.99	0.011	0.627	0.616	0.802	08/15/2018	13:12
20	J4477-01MS3Post	40	2	2.54	100	7.84	1.87	0.017	0.358	0.341	0.444	08/15/2018	13:13
21	J4477-03		1	2.50	100	7.16	1.78	0.022	0.022	0.000	-0.001	08/15/2018	13:13
22	J4478-01		1	2.54	100	7.30	2.20	0.026	0.026	0.000	-0.001	08/15/2018	13:14
23	CCV3	0.5	1	100	100		2.35	0.000	0.392	0.392	0.510	08/15/2018	13:14
24	CCB3		1	100	100		1.80	0.000	0.000	0.000	-0.001	08/15/2018	13:15