



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB96821

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP66352
Calibration Std. hexchrome 0.05 ppm	WP66351
5N sulfuric acid	WP65054
Calibratation STD HexaChrome 1 PPM	WP66354
Calibratation STD Hexa Chrome 0.5 PPM	WP66353
calibration std. hexchrome 0.01 ppm	WP66349
calibration std. hexchrome 0 ppm	WP66348
Hexavalent Chromium ICV Std.	WP66355
Hexavalent Chromium CCV Std	WP66356
hexavalent chromium color reagent	WP66331
HNO3 Hex-Chrome, 5M	WP65055
Calibration std Hexachrome, 0.025ppm	WP66350

Intercept: 0.0004

Slope: 0.77

Regression: 0.999966

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		1.90	0.000	0.000	0.000	07/23/2018	15:20
2	CAL2	0.01	1	100	100		2.30	0.000	0.008	0.008	07/23/2018	15:20
3	CAL3	0.025	1	100	100		1.96	0.000	0.017	0.017	07/23/2018	15:21
4	CAL4	0.05	1	100	100		1.81	0.000	0.039	0.039	07/23/2018	15:21
5	CAL5	0.1	1	100	100		2.25	0.000	0.078	0.078	07/23/2018	15:22
6	CAL6	0.5	1	100	100		2.44	0.000	0.390	0.390	07/23/2018	15:22
7	CAL7	1	1	100	100		1.69	0.000	0.768	0.768	07/23/2018	15:23

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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		2.33	0.000	0.391	0.391	0.507	07/23/2018	15:23
2	ICB		1	100	100		2.24	0.000	0.000	0.000	-0.001	07/23/2018	15:24
3	CCV1	0.5	1	100	100		1.63	0.000	0.391	0.391	0.507	07/23/2018	15:24
4	CCB1		1	100	100		1.84	0.000	0.000	0.000	-0.001	07/23/2018	15:25
5	PB111390BL		1	2.55	100	7.20	1.59	0.000	0.000	0.000	-0.001	07/23/2018	15:25
6	PB111390BS	20	1	2.54	100	7.55	2.10	0.000	0.388	0.388	0.503	07/23/2018	15:26
7	J4101-01		1	2.52	100	7.69	2.27	0.019	0.019	0.000	-0.001	07/23/2018	15:26
8	J4101-03		1	2.53	100	7.13	1.94	0.017	0.017	0.000	-0.001	07/23/2018	15:27
9	J4106-01		1	2.55	100	7.76	2.26	0.015	0.015	0.000	-0.001	07/23/2018	15:27
10	J4106-02		1	2.50	100	7.90	2.35	0.013	0.013	0.000	-0.001	07/23/2018	15:28
11	J4112-02		1	2.50	100	7.60	2.40	0.008	0.008	0.000	-0.001	07/23/2018	15:28
12	J4112-02DUP		1	2.53	100	7.32	1.92	0.007	0.007	0.000	-0.001	07/23/2018	15:29
13	J4112-02MSPre	40	2	2.51	100	7.15	1.66	0.008	0.381	0.373	0.484	07/23/2018	15:29
14	J4112-02MS2Ins	1284	40	2.52	100	7.42	1.54	0.006	0.574	0.568	0.737	07/23/2018	15:30
15	CCV2	0.5	1	100	100		2.34	0.000	0.391	0.391	0.507	07/23/2018	15:30
16	CCB2		1	100	100		2.21	0.000	0.000	0.000	-0.001	07/23/2018	15:31
17	J4112-02MS3Post	40	2	2.51	100	7.21	2.18	0.010	0.385	0.375	0.486	07/23/2018	15:31
18	CCV3	0.5	1	100	100		1.74	0.000	0.391	0.391	0.507	07/23/2018	15:32
19	CCB3		1	100	100		1.93	0.000	0.000	0.000	-0.001	07/23/2018	15:32