

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB88700

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP56390
Calibration Std. hexchrome 0.05 ppm	WP56389
Hexavalent Chromium LCS Std	WP56395
Calibratation STD HexaChrome 1 PPM	WP56392
Calibratation STD Hexa Chrome 0.5 PPM	WP56391
calibration std. hexchrome 0.01 ppm	WP56387
calibration std. hexchrome 0 ppm	WP56386
Hexavalent Chromium ICV Std.	WP56393
Hexavalent Chromium CCV Std	WP56394
hexavalent chromium color reagent	WP56385
HNO3 Hex-Chrome, 5M	WP55974
Calibration std Hexachrome, 0.025ppm	WP56388

Intercept: 0.0004

Slope: 0.7795

Regression: 0.999953

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		2.15	0.000	0.000	0.000	07/13/2017	12:20
2	CAL2	0.01	1	100	100		1.80	0.000	0.008	0.008	07/13/2017	12:20
3	CAL3	0.025	1	100	100		2.46	0.000	0.018	0.018	07/13/2017	12:21
4	CAL4	0.05	1	100	100		1.74	0.000	0.038	0.038	07/13/2017	12:21
5	CAL5	0.1	1	100	100		2.33	0.000	0.079	0.079	07/13/2017	12:22
6	CAL6	0.5	1	100	100		2.47	0.000	0.396	0.396	07/13/2017	12:22
7	CAL7	1	1	100	100		1.98	0.000	0.777	0.777	07/13/2017	12:23

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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		2.15	0.000	0.390	0.390	0.500	07/13/2017	12:23
2	ICB		1	100	100		2.34	0.000	0.000	0.000	-0.001	07/13/2017	12:24
3	CCV1	0.5	1	100	100		1.77	0.000	0.391	0.391	0.501	07/13/2017	12:24
4	CCB1		1	100	100		2.10	0.000	0.000	0.000	-0.001	07/13/2017	12:25
5	PB100625BL		1	2.50	100	7.23	2.33	0.000	0.000	0.000	-0.001	07/13/2017	12:25
6	PB100625BS	20	1	2.52	100	7.30	1.68	0.000	0.376	0.376	0.482	07/13/2017	15:26
7	I4163-01		1	2.54	100	7.65	1.88	0.020	0.020	0.000	-0.001	07/13/2017	15:26
8	I4163-01DUP		1	2.55	100	7.90	2.27	0.021	0.021	0.000	-0.001	07/13/2017	15:26
9	I4163-01MSPre	40	2	2.53	100	7.24	1.64	0.022	0.129	0.107	0.137	07/13/2017	15:24
10	I4163-01MS2Ins	1284	40	2.53	100	7.61	2.14	0.023	0.641	0.618	0.792	07/13/2017	15:24
11	I4163-01MS3Post	40	2	2.53	100	7.60	1.72	0.025	0.330	0.305	0.391	07/13/2017	15:25
12	CCV2	0.5	1	100	100		2.44	0.000	0.392	0.392	0.502	07/13/2017	15:25
13	CCB2		1	100	100		1.61	0.000	0.000	0.000	-0.001	07/13/2017	15:26