

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB87402

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP54866
Calibration Std. hexchrome 0.05 ppm	WP54865
Hexavalent Chromium LCS Std	WP54872
Calibratation STD HexaChrome 1 PPM	WP54869
Calibratation STD Hexa Chrome 0.5 PPM	WP54867
calibration std. hexchrome 0.01 ppm	WP54863
calibration std. hexchrome 0 ppm	WP54862
Hexavalent Chromium ICV Std.	WP54870
Hexavalent Chromium CCV Std	WP54871
hexavalent chromium color reagent	WP54796
HNO3 Hex-Chrome, 5M	WP53205
Calibration std Hexachrome, 0.025ppm	WP54864

Intercept: 0.0006

Slope: 0.7793

Regression: 0.999955

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		1.77	0.000	0.000	0.000	05/11/2017	13:00
2	CAL2	0.01	1	100	100		2.13	0.000	0.008	0.008	05/11/2017	13:00
3	CAL3	0.025	1	100	100		2.46	0.000	0.018	0.018	05/11/2017	13:01
4	CAL4	0.05	1	100	100		1.58	0.000	0.039	0.039	05/11/2017	13:01
5	CAL5	0.1	1	100	100		2.14	0.000	0.079	0.079	05/11/2017	13:01
6	CAL6	0.5	1	100	100		1.65	0.000	0.396	0.396	05/11/2017	13:02
7	CAL7	1	1	100	100		2.33	0.000	0.777	0.777	05/11/2017	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		2.36	0.000	0.394	0.394	0.505	05/11/2017	13:03
2	ICB		1	100	100		2.21	0.000	0.000	0.000	-0.001	05/11/2017	13:04
3	CCV1	0.5	1	100	100		1.70	0.000	0.395	0.395	0.506	05/11/2017	13:04
4	CCB1		1	100	100		2.06	0.000	0.000	0.000	-0.001	05/11/2017	13:05
5	PB98884BL		1	2.55	100	7.80	1.83	0.000	0.000	0.000	-0.001	05/11/2017	13:05
6	PB98884BS	20	1	2.54	100	7.55	1.54	0.000	0.384	0.384	0.492	05/11/2017	13:06
7	I3059-01		1	2.50	100	7.72	2.47	0.022	0.022	0.000	-0.001	05/11/2017	13:06
8	I3084-01		1	2.51	100	7.26	2.21	0.032	0.033	0.001	0.001	05/11/2017	13:07
9	I3087-01		1	2.54	100	7.10	2.17	0.018	0.019	0.001	0.001	05/11/2017	13:07
10	I3087-01DUP		1	2.53	100	7.44	2.30	0.019	0.020	0.001	0.001	05/11/2017	13:08
11	I3087-01MSPre	40	2	2.51	100	7.69	1.92	0.021	0.365	0.344	0.441	05/11/2017	13:08
12	I3087-01MS2Ins	1284	40	2.51	100	7.23	1.71	0.022	0.637	0.615	0.788	05/11/2017	13:09
13	I3087-01MS3Post	40	2	2.51	100	7.10	1.65	0.023	0.379	0.356	0.456	05/11/2017	13:09
14	CCV2	0.5	1	100	100		2.45	0.000	0.395	0.395	0.506	05/11/2017	13:10
15	CCB2		1	100	100		2.34	0.000	0.000	0.000	-0.001	05/11/2017	13:10