

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB90389

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP58339
Calibration Std. hexchrome 0.05 ppm	WP58338
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP58341
Calibratation STD Hexa Chrome 0.5 PPM	WP58340
calibration std. hexchrome 0.01 ppm	WP58336
calibration std. hexchrome 0 ppm	WP58335
Hexavalent Chromium ICV Std.	WP58342
Hexavalent Chromium CCV Std	WP58343
hexavalent chromium color reagent	WP58234
HNO3 Hex-Chrome, 5M	WP58193
Calibration std Hexachrome, 0.025ppm	WP58337

Intercept: 0.0004

Slope: 0.7751

Regression: 0.999964

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		2.03	0.000	0.000	0.000	09/28/2017	12:00
2	CAL2	0.01	1	100	100		1.65	0.000	0.007	0.007	09/28/2017	12:00
3	CAL3	0.025	1	100	100		2.32	0.000	0.018	0.018	09/28/2017	12:01
4	CAL4	0.05	1	100	100		1.95	0.000	0.039	0.039	09/28/2017	12:01
5	CAL5	0.1	1	100	100		1.74	0.000	0.079	0.079	09/28/2017	12:02
6	CAL6	0.5	1	100	100		2.04	0.000	0.393	0.393	09/28/2017	12:02
7	CAL7	1	1	100	100		1.68	0.000	0.773	0.773	09/28/2017	12:03



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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		1.62	0.000	0.394	0.394	0.508	09/28/2017	12:03
2	ICB		1	100	100		2.04	0.000	0.000	0.000	-0.001	09/28/2017	12:04
3	CCV1	0.5	1	100	100		1.84	0.000	0.393	0.393	0.507	09/28/2017	12:04
4	CCB1		1	100	100		1.74	0.000	0.000	0.000	-0.001	09/28/2017	12:05
5	PB102677BL		1	2.55	100	7.15	1.99	0.000	0.000	0.000	-0.001	09/28/2017	12:05
6	PB102677BS	20	1	2.55	100	7.51	2.32	0.001	0.361	0.360	0.464	09/28/2017	12:06
7	I5472-01		1	2.54	100	7.41	2.12	0.017	0.017	0.000	-0.001	09/28/2017	12:06
8	I5473-01		1	2.54	100	7.62	1.85	0.023	0.024	0.001	0.001	09/28/2017	12:07
9	I5473-01DUP		1	2.53	100	7.12	1.94	0.016	0.017	0.001	0.001	09/28/2017	12:07
10	I5473-01MSPre	40	2	2.55	100	7.94	1.93	0.026	0.146	0.120	0.154	09/28/2017	12:08
11	I5473-01MS2Ins	1284	40	2.54	100	7.45	1.74	0.000	0.632	0.632	0.815	09/28/2017	12:08
12	I5473-01MS3Post	40	2	2.53	100	7.35	2.11	0.025	0.233	0.208	0.268	09/28/2017	12:09
13	I5475-01		1	2.52	100	7.68	2.26	0.028	0.029	0.001	0.001	09/28/2017	12:09
14	I5481-01		1	2.55	100	7.77	1.95	0.026	0.027	0.001	0.001	09/28/2017	12:10
15	CCV2	0.5	1	100	100		2.03	0.000	0.394	0.394	0.508	09/28/2017	12:10
16	CCB2		1	100	100		1.72	0.000	0.000	0.000	-0.001	09/28/2017	12:11
17	I5487-01		1	2.55	100	7.61	2.41	0.018	0.018	0.000	-0.001	09/28/2017	12:11
18	I5487-04		1	2.52	100	7.21	1.65	0.022	0.022	0.000	-0.001	09/28/2017	12:12
19	I5487-07		1	2.53	100	7.32	2.01	0.017	0.018	0.001	0.001	09/28/2017	12:12
20	I5487-10		1	2.55	100	7.83	1.81	0.012	0.012	0.000	-0.001	09/28/2017	12:13
21	I5491-01		1	2.54	100	7.29	2.06	0.011	0.011	0.000	-0.001	09/28/2017	12:13
22	CCV3	0.5	1	100	100		2.27	0.000	0.394	0.394	0.508	09/28/2017	12:14
23	CCB3		1	100	100		1.66	0.000	0.000	0.000	-0.001	09/28/2017	12:14