

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB90078

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP57911
Calibration Std. hexchrome 0.05 ppm	WP57910
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP57913
Calibratation STD Hexa Chrome 0.5 PPM	WP57912
calibration std. hexchrome 0.01 ppm	WP57908
calibration std. hexchrome 0 ppm	WP57905
Hexavalent Chromium ICV Std.	WP57914
Hexavalent Chromium CCV Std	WP57915
hexavalent chromium color reagent	WP57916
HNO3 Hex-Chrome, 5M	WP56413
Calibration std Hexachrome, 0.025ppm	WP57909

Intercept: 0.0007

Slope: 0.7787

Regression: 0.999937

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		2.05	0.000	0.000	0.000	09/14/2017	12:20
2	CAL2	0.01	1	100	100		1.98	0.000	0.008	0.008	09/14/2017	12:20
3	CAL3	0.025	1	100	100		2.13	0.000	0.018	0.018	09/14/2017	12:21
4	CAL4	0.05	1	100	100		1.99	0.000	0.039	0.039	09/14/2017	12:21
5	CAL5	0.1	1	100	100		1.76	0.000	0.079	0.079	09/14/2017	12:22
6	CAL6	0.5	1	100	100		2.45	0.000	0.397	0.397	09/14/2017	12:22
7	CAL7	1	1	100	100		1.60	0.000	0.776	0.776	09/14/2017	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		1.89	0.000	0.389	0.389	0.499	09/14/2017	12:23
2	ICB		1	100	100		2.02	0.000	0.000	0.000	-0.001	09/14/2017	12:24
3	CCV1	0.5	1	100	100		1.99	0.000	0.391	0.391	0.501	09/14/2017	14:00
4	CCB1		1	100	100		2.06	0.000	0.000	0.000	-0.001	09/14/2017	14:00
5	PB102342BL		1	2.50	100	7.21	1.43	0.000	0.000	0.000	-0.001	09/14/2017	14:01
6	PB102342BS	20	1	2.51	100	7.02	2.07	0.024	0.379	0.355	0.455	09/14/2017	14:01
7	I5207-01		1	2.54	100	7.44	1.66	0.078	0.078	0.000	-0.001	09/14/2017	14:02
8	I5207-02		1	2.51	100	7.88	2.08	0.072	0.072	0.000	-0.001	09/14/2017	14:02
9	I5207-03		1	2.53	100	7.20	2.20	0.069	0.069	0.000	-0.001	09/14/2017	14:03
10	I5216-01		1	2.52	100	7.32	1.96	0.016	0.016	0.000	-0.001	09/14/2017	14:03
11	I5216-04		1	2.50	100	7.65	1.66	0.017	0.017	0.000	-0.001	09/14/2017	14:04
12	I5216-07		1	2.51	100	7.20	1.58	0.021	0.021	0.000	-0.001	09/14/2017	14:04
13	I5218-01		1	2.52	100	7.04	2.36	0.025	0.025	0.000	-0.001	09/14/2017	14:05
14	I5219-01		1	2.52	100	7.17	2.44	0.055	0.055	0.000	-0.001	09/14/2017	14:05
15	CCV2	0.5	1	100	100		2.07	0.000	0.391	0.391	0.501	09/14/2017	14:06
16	CCB2		1	100	100		2.33	0.000	0.000	0.000	-0.001	09/14/2017	14:06
17	I5219-01DUP		1	2.55	100	7.63	2.40	0.054	0.054	0.000	-0.001	09/14/2017	14:07
18	I5219-01MSPre	40	2	2.53	100	7.90	2.09	0.055	0.075	0.020	0.025	09/14/2017	14:07
19	I5219-01MS2Ins	1284	40	2.52	100	7.81	2.38	0.054	0.623	0.569	0.730	09/14/2017	14:08
20	I5219-01MS3Post	40	2	2.50	100	7.33	1.99	0.056	0.134	0.078	0.099	09/14/2017	14:08
21	I5222-01		1	2.53	100	7.62	1.63	0.015	0.015	0.000	-0.001	09/14/2017	14:09
22	I5222-05		1	2.50	100	7.41	1.54	0.030	0.030	0.000	-0.001	09/14/2017	14:09
23	CCV3	0.5	1	100	100		2.08	0.000	0.392	0.392	0.503	09/14/2017	14:10
24	CCB3		1	100	100		2.31	0.000	0.000	0.000	-0.001	09/14/2017	14:10