

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB92257

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP60452
Calibration Std. hexchrome 0.05 ppm	WP60451
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP60454
Calibratation STD Hexa Chrome 0.5 PPM	WP60453
calibration std. hexchrome 0.01 ppm	WP60449
calibration std. hexchrome 0 ppm	WP60448
Hexavalent Chromium ICV Std.	WP60455
Hexavalent Chromium CCV Std	WP60456
hexavalent chromium color reagent	WP60362
HNO3 Hex-Chrome, 5M	WP58774
Calibration std Hexachrome, 0.025ppm	WP60450

Intercept: 0.0008

Slope: 0.7758

Regression: 0.99993

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		2.16	0.000	0.000	0.000	12/19/2017	11:00
2	CAL2	0.01	1	100	100		1.98	0.000	0.008	0.008	12/19/2017	11:00
3	CAL3	0.025	1	100	100		1.58	0.000	0.018	0.018	12/19/2017	11:01
4	CAL4	0.05	1	100	100		2.33	0.000	0.039	0.039	12/19/2017	11:01
5	CAL5	0.1	1	100	100		2.45	0.000	0.079	0.079	12/19/2017	11:02
6	CAL6	0.5	1	100	100		1.87	0.000	0.396	0.396	12/19/2017	11:02
7	CAL7	1	1	100	100		2.21	0.000	0.773	0.773	12/19/2017	11:03



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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		2.28	0.000	0.391	0.391	0.503	12/19/2017	11:03
2	ICB		1	100	100		1.77	0.000	0.000	0.000	-0.001	12/19/2017	11:04
3	CCV1	0.5	1	100	100		1.68	0.000	0.392	0.392	0.504	12/19/2017	13:45
4	CCB1		1	100	100		2.04	0.000	0.000	0.000	-0.001	12/19/2017	13:45
5	PB105179BL		1	2.52	100	7.20	2.40	0.000	0.000	0.000	-0.001	12/19/2017	13:46
6	PB105179BS	20	1	2.53	100	7.11	1.84	0.000	0.357	0.357	0.459	12/19/2017	13:46
7	I6676-08		1	2.51	100	7.05	1.93	0.007	0.007	0.000	-0.001	12/19/2017	13:47
8	I6682-01		1	2.55	100	7.39	2.03	0.019	0.019	0.000	-0.001	12/19/2017	13:47
9	I6682-03		1	2.53	100	7.77	1.66	0.028	0.028	0.000	-0.001	12/19/2017	13:48
10	I6682-05		1	2.51	100	7.80	2.35	0.026	0.026	0.000	-0.001	12/19/2017	13:48
11	I6973-02		1	2.53	100	7.93	2.27	0.058	0.058	0.000	-0.001	12/19/2017	13:49
12	I6975-01		1	2.50	100	7.46	1.81	0.009	0.009	0.000	-0.001	12/19/2017	13:49
13	I6975-03		1	2.54	100	7.51	2.41	0.006	0.006	0.000	-0.001	12/19/2017	13:50
14	I6981-01		1	2.53	100	7.65	2.32	0.030	0.030	0.000	-0.001	12/19/2017	13:50
15	CCV2	0.5	1	100	100		1.95	0.000	0.392	0.392	0.504	12/19/2017	13:51
16	CCB2		1	100	100		2.12	0.000	0.000	0.000	-0.001	12/19/2017	13:51
17	I6981-01DUP		1	2.55	100	7.60	1.78	0.029	0.029	0.000	-0.001	12/19/2017	13:52
18	I6981-01MSPre	40	2	2.54	100	7.34	2.24	0.035	0.252	0.217	0.279	12/19/2017	13:52
19	I6981-01MS2Ins	1284	40	2.54	100	7.22	2.33	0.033	0.602	0.569	0.732	12/19/2017	13:53
20	I6981-01MS3Post	40	2	2.54	100	7.68	1.71	0.038	0.304	0.266	0.342	12/19/2017	13:53
21	I6981-04		1	2.52	100	7.40	2.10	0.028	0.028	0.000	-0.001	12/19/2017	13:54
22	I6981-07		1	2.53	100	7.21	1.96	0.002	0.002	0.000	-0.001	12/19/2017	13:54
23	I6981-10		1	2.52	100	7.69	2.46	0.005	0.005	0.000	-0.001	12/19/2017	13:55
24	CCV3	0.5	1	100	100		1.59	0.000	0.393	0.393	0.506	12/19/2017	13:55
25	CCB3		1	100	100		2.05	0.000	0.000	0.000	-0.001	12/19/2017	13:56