

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB90032

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP57874
Calibration Std. hexchrome 0.05 ppm	WP57873
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP57876
Calibratation STD Hexa Chrome 0.5 PPM	WP57875
calibration std. hexchrome 0.01 ppm	WP57871
calibration std. hexchrome 0 ppm	WP57870
Hexavalent Chromium ICV Std.	WP57878
Hexavalent Chromium CCV Std	WP57879
hexavalent chromium color reagent	WP57799
HNO3 Hex-Chrome, 5M	WP56413
Calibration std Hexachrome, 0.025ppm	WP57872

Intercept: 0

Slope: 0.7816

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		2.20	0.000	0.000	0.000	09/12/2017	15:20
2	CAL2	0.01	1	100	100		1.98	0.000	0.007	0.007	09/12/2017	15:20
3	CAL3	0.025	1	100	100		1.88	0.000	0.017	0.017	09/12/2017	15:21
4	CAL4	0.05	1	100	100		2.15	0.000	0.038	0.038	09/12/2017	15:21
5	CAL5	0.1	1	100	100		2.10	0.000	0.079	0.079	09/12/2017	15:22
6	CAL6	0.5	1	100	100		2.30	0.000	0.398	0.398	09/12/2017	15:22
7	CAL7	1	1	100	100		1.77	0.000	0.778	0.778	09/12/2017	15:23



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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		1.99	0.000	0.390	0.390	0.499	09/12/2017	15:23
2	ICB		1	100	100		1.88	0.000	0.000	0.000	0.000	09/12/2017	15:24
3	CCV1	0.5	1	100	100		2.23	0.000	0.391	0.391	0.500	09/12/2017	15:24
4	CCB1		1	100	100		1.81	0.000	0.000	0.000	0.000	09/12/2017	15:25
5	PB102284BL		1	2.53	100	7.33	2.13	0.000	0.000	0.000	0.000	09/12/2017	15:25
6	PB102284BS	20	1	2.52	100	7.25	1.90	0.003	0.401	0.398	0.509	09/12/2017	15:26
7	I5160-01		1	2.51	100	7.80	1.68	0.026	0.026	0.000	0.000	09/12/2017	15:26
8	I5160-02		1	2.52	100	7.10	2.15	0.046	0.047	0.001	0.001	09/12/2017	15:27
9	I5160-03		1	2.55	100	7.66	2.29	0.047	0.047	0.000	0.000	09/12/2017	15:27
10	I5160-04		1	2.50	100	7.10	1.66	0.020	0.020	0.000	0.000	09/12/2017	15:28
11	I5160-05		1	2.51	100	7.33	2.44	0.019	0.019	0.000	0.000	09/12/2017	15:28
12	I5160-06		1	2.52	100	7.21	2.44	0.037	0.037	0.000	0.000	09/12/2017	15:29
13	I5160-07		1	2.53	100	7.88	1.58	0.090	0.091	0.001	0.001	09/12/2017	15:29
14	I5160-08		1	2.54	100	7.63	2.20	0.036	0.037	0.001	0.001	09/12/2017	15:30
15	CCV2	0.5	1	100	100		1.59	0.000	0.391	0.391	0.500	09/12/2017	15:30
16	CCB2		1	100	100		2.20	0.000	0.000	0.000	0.000	09/12/2017	15:31
17	I5160-09		1	2.55	100	7.50	2.06	0.027	0.027	0.000	0.000	09/12/2017	15:31
18	I5160-10		1	2.52	100	7.22	1.66	0.055	0.055	0.000	0.000	09/12/2017	15:32
19	I5160-11		1	2.50	100	7.88	2.09	0.020	0.021	0.001	0.001	09/12/2017	15:32
20	I5201-01		1	2.55	100	7.91	2.36	0.032	0.032	0.000	0.000	09/12/2017	15:33
21	I5201-01DUP		1	2.51	100	7.28	1.79	0.030	0.030	0.000	0.000	09/12/2017	15:33
22	I5201-01MSPre	40	2	2.50	100	7.04	1.66	0.035	0.072	0.037	0.047	09/12/2017	15:34
23	I5201-01MS2Ins	1284	40	2.50	100	7.09	1.90	0.033	0.624	0.591	0.756	09/12/2017	15:34
24	I5201-01MS3Post	40	2	2.51	100	7.36	2.21	0.036	0.096	0.060	0.077	09/12/2017	15:35
25	I5203-01		1	2.51	100	7.53	2.01	0.012	0.012	0.000	0.000	09/12/2017	15:35
26	I5208-01		1	2.53	100	7.66	1.78	0.095	0.095	0.000	0.000	09/12/2017	15:36
27	CCV3	0.5	1	100	100		1.56	0.000	0.393	0.393	0.503	09/12/2017	15:36
28	CCB3		1	100	100		2.41	0.000	0.000	0.000	0.000	09/12/2017	15:37
29	I5208-04		1	2.52	100	7.20	1.88	0.008	0.008	0.000	0.000	09/12/2017	15:37
30	I5208-07		1	2.50	100	7.97	1.30	0.027	0.027	0.000	0.000	09/12/2017	15:38
31	I5208-10		1	2.52	100	7.22	1.88	0.013	0.014	0.001	0.001	09/12/2017	15:38
32	I5208-13		1	2.55	100	7.12	2.12	0.034	0.034	0.000	0.000	09/12/2017	15:39
33	I5209-01		1	2.51	100	7.10	1.59	0.014	0.015	0.001	0.001	09/12/2017	15:39
34	CCV4	0.5	1	100	100		1.59	0.000	0.393	0.393	0.503	09/12/2017	15:40
35	CCB4		1	100	100		2.13	0.000	0.000	0.000	0.000	09/12/2017	15:40