

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB89793

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP57572
Calibration Std. hexchrome 0.05 ppm	WP57571
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP57574
Calibratation STD Hexa Chrome 0.5 PPM	WP57573
calibration std. hexchrome 0.01 ppm	WP57569
calibration std. hexchrome 0 ppm	WP57566
Hexavalent Chromium ICV Std.	WP57575
Hexavalent Chromium CCV Std	WP57576
hexavalent chromium color reagent	WP57539
HNO3 Hex-Chrome, 5M	WP56413
Calibration std Hexachrome, 0.025ppm	WP57570

Intercept: 0.0003

Slope: 0.778

Regression: 0.99994

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		1.86	0.000	0.000	0.000	08/30/2017	14:45
2	CAL2	0.01	1	100	100		1.75	0.000	0.007	0.007	08/30/2017	14:45
3	CAL3	0.025	1	100	100		2.16	0.000	0.018	0.018	08/30/2017	14:46
4	CAL4	0.05	1	100	100		2.33	0.000	0.038	0.038	08/30/2017	14:46
5	CAL5	0.1	1	100	100		1.59	0.000	0.079	0.079	08/30/2017	14:47
6	CAL6	0.5	1	100	100		2.27	0.000	0.396	0.396	08/30/2017	14:47
7	CAL7	1	1	100	100		2.44	0.000	0.775	0.775	08/30/2017	14:48



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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		2.04	0.000	0.389	0.389	0.500	08/30/2017	14:48
2	ICB		1	100	100		1.88	0.000	0.000	0.000	0.000	08/30/2017	14:48
3	CCV1	0.5	1	100	100		2.29	0.000	0.390	0.390	0.501	08/30/2017	14:49
4	CCB1		1	100	100		1.67	0.000	0.000	0.000	0.000	08/30/2017	14:50
5	PB101942BL		1	2.52	100	7.66	2.40	0.000	0.000	0.000	0.000	08/30/2017	14:50
6	PB101942BS	20	1	2.50	100	7.23	2.21	0.000	0.356	0.356	0.457	08/30/2017	14:51
7	I5019-01		1	2.55	100	7.10	1.80	0.095	0.096	0.001	0.001	08/30/2017	14:51
8	I5023-01		1	2.53	100	7.33	1.64	0.028	0.028	0.000	0.000	08/30/2017	14:52
9	I5023-04		1	2.52	100	7.15	2.15	0.030	0.030	0.000	0.000	08/30/2017	14:52
10	I5023-07		1	2.55	100	7.76	2.09	0.026	0.026	0.000	0.000	08/30/2017	14:53
11	I5023-10		1	2.53	100	7.89	1.66	0.029	0.029	0.000	0.000	08/30/2017	14:53
12	I5024-01		1	2.52	100	7.38	2.38	0.019	0.019	0.000	0.000	08/30/2017	14:54
13	I5024-04		1	2.54	100	7.40	1.63	0.067	0.067	0.000	0.000	08/30/2017	14:54
14	I5024-07		1	2.51	100	7.25	1.99	0.021	0.021	0.000	0.000	08/30/2017	14:55
15	CCV2	0.5	1	100	100		2.30	0.000	0.390	0.390	0.501	08/30/2017	14:55
16	CCB2		1	100	100		2.46	0.000	0.000	0.000	0.000	08/30/2017	14:56
17	I5024-10		1	2.50	100	7.31	1.77	0.024	0.024	0.000	0.000	08/30/2017	14:56
18	I5024-13		1	2.50	100	7.46	1.91	0.059	0.059	0.000	0.000	08/30/2017	14:57
19	I5024-13DUP		1	2.55	100	7.68	2.03	0.058	0.058	0.000	0.000	08/30/2017	14:57
20	I5024-13MSPre	40	2	2.53	100	7.09	2.37	0.061	0.266	0.205	0.263	08/30/2017	14:58
21	I5024-13MS2Ins	1284	40	2.50	100	7.05	2.35	0.055	0.644	0.589	0.757	08/30/2017	14:58
22	I5024-13MS3Post	40	2	2.52	100	7.39	1.64	0.064	0.309	0.245	0.315	08/30/2017	14:59
23	I5025-05		1	2.51	100	7.58	1.53	0.015	0.015	0.000	0.000	08/30/2017	14:59
24	I5025-06		1	2.52	100	7.69	1.62	0.023	0.023	0.000	0.000	08/30/2017	15:00
25	I5025-07		1	2.53	100	7.94	2.13	0.018	0.018	0.000	0.000	08/30/2017	15:00
26	I5025-08		1	2.54	100	7.80	2.48	0.021	0.021	0.000	0.000	08/30/2017	15:01
27	CCV3	0.5	1	100	100		1.97	0.000	0.391	0.391	0.502	08/30/2017	15:01
28	CCB3		1	100	100		2.08	0.000	0.000	0.000	0.000	08/30/2017	15:02
29	I5026-02		1	2.53	100	7.73	1.52	0.027	0.027	0.000	0.000	08/30/2017	15:02
30	I5027-01		1	2.55	100	7.32	2.41	0.014	0.014	0.000	0.000	08/30/2017	15:03
31	CCV4	0.5	1	100	100		1.63	0.000	0.392	0.392	0.503	08/30/2017	15:03
32	CCB4		1	100	100		2.25	0.000	0.000	0.000	0.000	08/30/2017	15:04