

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB92818

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP61218
Calibration Std. hexchrome 0.05 ppm	WP61217
5N sulfuric acid	WP60984
Calibratation STD HexaChrome 1 PPM	WP61220
Calibratation STD Hexa Chrome 0.5 PPM	WP61219
calibration std. hexchrome 0.01 ppm	WP61215
calibration std. hexchrome 0 ppm	WP61228
Hexavalent Chromium ICV Std.	WP61221
Hexavalent Chromium CCV Std	WP61222
hexavalent chromium color reagent	WP61240
HNO3 Hex-Chrome, 5M	WP60720
Calibration std Hexachrome, 0.025ppm	WP61216

Intercept: 0

Slope: 0.7648

Regression: 0.999984

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		2.10	0.000	0.000	0.000	01/24/2018	14:00
2	CAL2	0.01	1	100	100		1.86	0.000	0.008	0.008	01/24/2018	14:00
3	CAL3	0.025	1	100	100		2.40	0.000	0.016	0.016	01/24/2018	14:01
4	CAL4	0.05	1	100	100		1.93	0.000	0.039	0.039	01/24/2018	14:01
5	CAL5	0.1	1	100	100		1.58	0.000	0.078	0.078	01/24/2018	14:02
6	CAL6	0.5	1	100	100		2.21	0.000	0.384	0.384	01/24/2018	14:02
7	CAL7	1	1	100	100		2.30	0.000	0.764	0.764	01/24/2018	14:03



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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		1.64	0.000	0.385	0.385	0.503	01/24/2018	14:03
2	ICB		1	100	100		2.08	0.000	0.000	0.000	0.000	01/24/2018	14:04
3	CCV1	0.5	1	100	100		2.21	0.000	0.385	0.385	0.503	01/24/2018	14:04
4	CCB1		1	100	100		1.63	0.000	0.000	0.000	0.000	01/24/2018	14:05
5	PB105942BL		1	2.55	100	7.13	1.74	0.000	0.000	0.000	0.000	01/24/2018	14:05
6	PB105942BS	20	1	2.50	100	7.86	2.33	0.000	0.359	0.359	0.469	01/24/2018	14:06
7	J1249-01		1	2.51	100	7.45	1.79	0.015	0.015	0.000	0.000	01/24/2018	14:06
8	J1249-03		1	2.54	100	7.51	2.31	0.031	0.031	0.000	0.000	01/24/2018	14:07
9	J1249-05		1	2.55	100	7.63	2.21	0.028	0.028	0.000	0.000	01/24/2018	14:07
10	J1249-07		1	2.51	100	7.89	2.46	0.026	0.026	0.000	0.000	01/24/2018	14:08
11	J1249-09		1	2.50	100	7.20	1.95	0.020	0.020	0.000	0.000	01/24/2018	14:08
12	J1249-11		1	2.53	100	7.35	2.00	0.017	0.017	0.000	0.000	01/24/2018	14:09
13	J1249-13		1	2.52	100	7.41	2.04	0.042	0.042	0.000	0.000	01/24/2018	14:09
14	J1249-15		1	2.54	100	7.63	1.84	0.049	0.049	0.000	0.000	01/24/2018	14:10
15	CCV2	0.5	1	100	100		1.57	0.000	0.386	0.386	0.505	01/24/2018	14:10
16	CCB2		1	100	100		2.47	0.000	0.000	0.000	0.000	01/24/2018	14:11
17	J1249-17		1	2.52	100	7.95	2.05	0.018	0.018	0.000	0.000	01/24/2018	14:11
18	J1249-19		1	2.51	100	7.88	1.88	0.024	0.024	0.000	0.000	01/24/2018	14:12
19	J1250-01		1	2.55	100	7.71	1.79	0.019	0.019	0.000	0.000	01/24/2018	14:12
20	J1250-03		1	2.53	100	7.05	2.10	0.041	0.041	0.000	0.000	01/24/2018	14:13
21	J1250-05		1	2.54	100	7.21	2.17	0.028	0.028	0.000	0.000	01/24/2018	14:13
22	J1250-07		1	2.53	100	7.20	1.60	0.010	0.010	0.000	0.000	01/24/2018	14:14
23	J1250-07DUP		1	2.54	100	7.33	1.90	0.009	0.009	0.000	0.000	01/24/2018	14:14
24	J1250-07MSPre	40	2	2.51	100	7.29	1.97	0.013	0.106	0.093	0.122	01/24/2018	14:15
25	J1250-07MS2Ins	1284	40	2.54	100	7.44	2.22	0.009	0.586	0.577	0.754	01/24/2018	14:15
26	J1250-07MS3Post	40	2	2.55	100	7.35	2.46	0.015	0.235	0.220	0.288	01/24/2018	14:16
27	CCV3	0.5	1	100	100		1.55	0.000	0.386	0.386	0.505	01/24/2018	14:16
28	CCB3		1	100	100		1.72	0.000	0.000	0.000	0.000	01/24/2018	14:17
29	J1250-09		1	2.55	100	7.20	2.38	0.007	0.007	0.000	0.000	01/24/2018	14:17
30	J1250-11		1	2.53	100	7.24	2.27	0.013	0.013	0.000	0.000	01/24/2018	14:18
31	J1250-13		1	2.52	100	7.36	2.15	0.018	0.018	0.000	0.000	01/24/2018	14:18
32	J1250-15		1	2.50	100	7.91	1.97	0.016	0.016	0.000	0.000	01/24/2018	14:19
33	J1250-17		1	2.51	100	7.85	1.60	0.010	0.010	0.000	0.000	01/24/2018	14:19
34	J1250-19		1	2.53	100	7.32	1.67	0.020	0.020	0.000	0.000	01/24/2018	14:20
35	CCV4	0.5	1	100	100		2.38	0.000	0.387	0.387	0.506	01/24/2018	14:20
36	CCB4		1	100	100		2.41	0.000	0.000	0.000	0.000	01/24/2018	14:21