

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB95185

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP64290
Calibration Std. hexchrome 0.05 ppm	WP64289
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP64292
Calibratation STD Hexa Chrome 0.5 PPM	WP64291
calibration std. hexchrome 0.01 ppm	WP64287
calibration std. hexchrome 0 ppm	WP64286
Hexavalent Chromium ICV Std.	WP64293
Hexavalent Chromium CCV Std	WP64294
hexavalent chromium color reagent	WP64299
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP64288

Intercept: 0.0003

Slope: 0.7661

Regression: 0.999961

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		2.22	0.000	0.000	0.000	05/08/2018	11:50
2	CAL2	0.01	1	100	100		1.82	0.000	0.007	0.007	05/08/2018	11:50
3	CAL3	0.025	1	100	100		1.95	0.000	0.017	0.017	05/08/2018	11:51
4	CAL4	0.05	1	100	100		2.33	0.000	0.038	0.038	05/08/2018	11:51
5	CAL5	0.1	1	100	100		2.41	0.000	0.079	0.079	05/08/2018	11:52
6	CAL6	0.5	1	100	100		1.74	0.000	0.388	0.388	05/08/2018	11:52
7	CAL7	1	1	100	100		2.36	0.000	0.764	0.764	05/08/2018	11:53



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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		2.13	0.000	0.390	0.390	0.509	05/08/2018	11:53
2	ICB		1	100	100		2.28	0.000	0.000	0.000	0.000	05/08/2018	11:54
3	CCV1	0.5	1	100	100		1.67	0.000	0.390	0.390	0.509	05/08/2018	11:54
4	CCB1		1	100	100		1.85	0.000	0.000	0.000	0.000	05/08/2018	11:55
5	PB109032BL		1	2.54	100	7.06	2.14	0.000	0.000	0.000	0.000	05/08/2018	11:55
6	PB109032BS	20	1	2.52	100	7.58	1.99	0.000	0.349	0.349	0.455	05/08/2018	11:56
7	J2675-01		1	2.50	100	7.63	1.72	0.008	0.008	0.000	0.000	05/08/2018	11:56
8	J2677-01		1	2.54	100	7.44	1.60	0.111	0.111	0.000	0.000	05/08/2018	11:57
9	J2680-01		1	2.53	100	7.20	2.17	0.015	0.015	0.000	0.000	05/08/2018	11:57
10	J2680-03		1	2.50	100	7.66	2.30	0.017	0.017	0.000	0.000	05/08/2018	11:58
11	J2680-05		1	2.51	100	7.32	1.76	0.022	0.022	0.000	0.000	05/08/2018	11:58
12	J2680-07		1	2.50	100	7.51	1.81	0.009	0.009	0.000	0.000	05/08/2018	11:59
13	J2680-09		1	2.52	100	7.88	2.40	0.013	0.013	0.000	0.000	05/08/2018	11:59
14	J2736-02		1	2.53	100	7.60	2.27	0.054	0.054	0.000	0.000	05/08/2018	12:00
15	CCV2	0.5	1	100	100		1.73	0.000	0.390	0.390	0.509	05/08/2018	12:00
16	CCB2		1	100	100		1.89	0.000	0.000	0.000	0.000	05/08/2018	12:01
17	J2754-01		1	2.50	100	7.44	2.22	0.010	0.010	0.000	0.000	05/08/2018	12:01
18	J2754-01DUP		1	2.55	100	7.32	1.66	0.009	0.009	0.000	0.000	05/08/2018	12:02
19	J2754-01MSPre	40	2	2.53	100	7.25	2.35	0.013	0.210	0.197	0.257	05/08/2018	12:02
20	J2754-01MS2Ins	1284	40	2.50	100	7.21	1.66	0.007	0.579	0.572	0.746	05/08/2018	12:03
21	J2754-01MS3Post	40	2	2.55	100	7.14	1.54	0.014	0.232	0.218	0.284	05/08/2018	12:03
22	J2754-05		1	2.54	100	7.17	2.40	0.012	0.012	0.000	0.000	05/08/2018	12:04
23	J2754-09		1	2.55	100	7.03	2.19	0.018	0.101	0.083	0.108	05/08/2018	12:04
24	J2754-13		1	2.52	100	7.07	2.37	0.022	0.124	0.102	0.133	05/08/2018	12:05
25	J2769-01		1	2.51	100	7.18	1.55	0.005	0.005	0.000	0.000	05/08/2018	12:05
26	CCV3	0.5	1	100	100		2.01	0.000	0.391	0.391	0.510	05/08/2018	12:06
27	CCB3		1	100	100		2.24	0.000	0.000	0.000	0.000	05/08/2018	12:06