

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB95130

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP64245
Calibration Std. hexchrome 0.05 ppm	WP64244
Hexavalent Chromium LCS Std	WP64250
Calibratation STD HexaChrome 1 PPM	WP64247
Calibratation STD Hexa Chrome 0.5 PPM	WP64246
calibration std. hexchrome 0.01 ppm	WP64242
calibration std. hexchrome 0 ppm	WP64241
Hexavalent Chromium ICV Std.	WP64248
Hexavalent Chromium CCV Std	WP64249
hexavalent chromium color reagent	WP64076
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP64243

Intercept: 0.0007

Slope: 0.7679

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		2.35	0.000	0.000	0.000	05/04/2018	12:00
2	CAL2	0.01	1	100	100		1.69	0.000	0.008	0.008	05/04/2018	12:00
3	CAL3	0.025	1	100	100		1.50	0.000	0.018	0.018	05/04/2018	12:01
4	CAL4	0.05	1	100	100		2.11	0.000	0.039	0.039	05/04/2018	12:01
5	CAL5	0.1	1	100	100		2.03	0.000	0.078	0.078	05/04/2018	12:02
6	CAL6	0.5	1	100	100		2.44	0.000	0.390	0.390	05/04/2018	12:02
7	CAL7	1	1	100	100		1.68	0.000	0.766	0.766	05/04/2018	12:03



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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		2.17	0.000	0.392	0.392	0.510	05/04/2018	12:03
2	ICB		1	100	100		1.58	0.000	0.000	0.000	-0.001	05/04/2018	12:04
3	CCV1	0.5	1	100	100		2.39	0.000	0.392	0.392	0.510	05/04/2018	12:04
4	CCB1		1	100	100		1.63	0.000	0.000	0.000	-0.001	05/04/2018	12:05
5	PB108929BL		1	2.51	100	7.52	2.41	0.000	0.000	0.000	-0.001	05/04/2018	12:05
6	PB108929BS	20	1	2.54	100	7.36	1.90	0.000	0.353	0.353	0.459	05/04/2018	12:06
7	J2672-01		1	2.50	100	7.12	2.26	0.016	0.016	0.000	-0.001	05/04/2018	12:06
8	J2672-01DUP		1	2.55	100	7.69	1.83	0.015	0.015	0.000	-0.001	05/04/2018	12:07
9	J2672-01MSPre	40	2	2.53	100	7.85	2.04	0.017	0.330	0.313	0.407	05/04/2018	12:07
10	J2672-01MS2Ins	1284	40	2.50	100	7.90	1.77	0.012	0.620	0.608	0.791	05/04/2018	12:08
11	J2672-01MS3Post	40	2	2.52	100	7.77	1.88	0.019	0.348	0.329	0.428	05/04/2018	12:08
12	J2706-01		1	2.52	100	7.31	2.30	0.011	0.011	0.000	-0.001	05/04/2018	12:09
13	J2706-02		1	2.53	100	7.38	1.57	0.018	0.018	0.000	-0.001	05/04/2018	12:09
14	J2706-03		1	2.50	100	7.65	1.90	0.009	0.037	0.028	0.036	05/04/2018	12:10
15	CCV2	0.5	1	100	100		2.29	0.000	0.393	0.393	0.511	05/04/2018	12:10
16	CCB2		1	100	100		2.18	0.000	0.000	0.000	-0.001	05/04/2018	12:11
17	J2713-01		1	2.51	100	7.70	1.63	0.008	0.008	0.000	-0.001	05/04/2018	12:11
18	J2713-05		1	2.52	100	7.90	1.78	0.005	0.005	0.000	-0.001	05/04/2018	12:12
19	J2722-02		1	2.50	100	7.26	2.22	0.007	0.007	0.000	-0.001	05/04/2018	12:12
20	J2733-02		1	2.51	100	7.13	2.41	0.025	0.025	0.000	-0.001	05/04/2018	12:13
21	J2733-06		1	2.53	100	7.10	2.36	0.013	0.013	0.000	-0.001	05/04/2018	12:13
22	J2733-10		1	2.55	100	7.92	1.55	0.010	0.010	0.000	-0.001	05/04/2018	12:14
23	CCV3	0.5	1	100	100		1.66	0.000	0.394	0.394	0.512	05/04/2018	12:14
24	CCB3		1	100	100		1.74	0.000	0.000	0.000	-0.001	05/04/2018	12:15