

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB94996

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP64094
Calibration Std. hexchrome 0.05 ppm	WP64093
5N sulfuric acid	WP61786
Calibratation STD HexaChrome 1 PPM	WP64096
Calibratation STD Hexa Chrome 0.5 PPM	WP64095
calibration std. hexchrome 0.01 ppm	WP64075
calibration std. hexchrome 0 ppm	WP64074
Hexavalent Chromium ICV Std.	WP64097
Hexavalent Chromium CCV Std	WP64098
hexavalent chromium color reagent	WP64076
HNO3 Hex-Chrome, 5M	WP61785
Calibration std Hexachrome, 0.025ppm	WP64077

Intercept: -0.0001

Slope: 0.7706

Regression: 0.999981

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		1.63	0.000	0.000	0.000	04/30/2018	12:30
2	CAL2	0.01	1	100	100		1.98	0.000	0.007	0.007	04/30/2018	12:30
3	CAL3	0.025	1	100	100		2.24	0.000	0.017	0.017	04/30/2018	12:31
4	CAL4	0.05	1	100	100		2.41	0.000	0.038	0.038	04/30/2018	12:31
5	CAL5	0.1	1	100	100		1.80	0.000	0.079	0.079	04/30/2018	12:32
6	CAL6	0.5	1	100	100		2.06	0.000	0.388	0.388	04/30/2018	12:32
7	CAL7	1	1	100	100		2.38	0.000	0.769	0.769	04/30/2018	12:33



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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		1.94	0.000	0.387	0.387	0.502	04/30/2018	12:33
2	ICB		1	100	100		1.66	0.000	0.000	0.000	0.000	04/30/2018	12:34
3	CCV1	0.5	1	100	100		2.21	0.000	0.387	0.387	0.502	04/30/2018	12:34
4	CCB1		1	100	100		1.72	0.000	0.000	0.000	0.000	04/30/2018	12:35
5	PB108742BL		1	2.51	100	7.12	2.10	0.000	0.000	0.000	0.000	04/30/2018	12:35
6	PB108742BS	20	1	2.50	100	7.66	2.26	0.000	0.357	0.357	0.463	04/30/2018	12:36
7	J2158-07		1	2.51	100	7.55	2.34	0.014	0.014	0.000	0.000	04/30/2018	12:36
8	J2165-07		1	2.53	100	7.31	2.47	0.018	0.018	0.000	0.000	04/30/2018	12:37
9	J2166-05		1	2.55	100	7.44	1.61	0.081	0.081	0.000	0.000	04/30/2018	12:37
10	J2615-02		1	2.52	100	7.90	1.56	0.077	0.077	0.000	0.000	04/30/2018	12:38
11	J2616-01		1	2.52	100	7.21	1.89	0.005	0.005	0.000	0.000	04/30/2018	12:38
12	J2616-01DUP		1	2.54	100	7.10	2.17	0.006	0.006	0.000	0.000	04/30/2018	12:39
13	J2616-01MSPre	40	2	2.53	100	7.36	1.78	0.008	0.348	0.340	0.441	04/30/2018	12:39
14	J2616-01MS2Ins	1284	40	2.52	100	7.28	1.93	0.004	0.592	0.588	0.763	04/30/2018	12:40
15	CCV2	0.5	1	100	100		2.25	0.000	0.388	0.388	0.504	04/30/2018	12:40
16	CCB2		1	100	100		2.36	0.000	0.000	0.000	0.000	04/30/2018	12:41
17	J2616-01MS3Post	40	2	2.50	100	7.32	1.70	0.009	0.351	0.342	0.444	04/30/2018	12:41
18	J2616-07		1	2.50	100	7.94	1.84	0.008	0.008	0.000	0.000	04/30/2018	12:42
19	J2616-13		1	2.55	100	7.70	2.03	0.010	0.010	0.000	0.000	04/30/2018	12:42
20	J2616-19		1	2.52	100	7.65	2.18	0.017	0.220	0.203	0.264	04/30/2018	12:43
21	J2616-25		1	2.54	100	7.13	2.30	0.028	0.140	0.112	0.145	04/30/2018	12:43
22	J2616-31		1	2.51	100	7.65	2.46	0.024	0.311	0.287	0.373	04/30/2018	12:44
23	J2616-37		1	2.55	100	7.33	1.66	0.034	0.035	0.001	0.001	04/30/2018	12:44
24	CCV3	0.5	1	100	100		1.59	0.000	0.388	0.388	0.504	04/30/2018	12:45
25	CCB3		1	100	100		2.11	0.000	0.000	0.000	0.000	04/30/2018	12:45