

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB100465

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP71166
Calibration Std. hexchrome 0.05 ppm	WP71165
5N sulfuric acid	WP70044
Calibratation STD HexaChrome 1 PPM	WP71168
Calibratation STD Hexa Chrome 0.5 PPM	WP71167
calibration std. hexchrome 0.01 ppm	WP71163
calibration std. hexchrome 0 ppm	WP71162
Hexavalent Chromium ICV Std.	WP71169
Hexavalent Chromium CCV Std	WP71171
hexavalent chromium color reagent	WP71145
HNO3 Hex-Chrome, 5M	WP70045
Calibration std Hexachrome, 0.025ppm	WP71164

Intercept: 0.0001

Slope: 0.7727

Regression: 0.999989

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		2.39	0.000	0.000	0.000	01/24/2019	12:10
2	CAL2	0.01	1	100	100		1.85	0.000	0.008	0.008	01/24/2019	12:10
3	CAL3	0.025	1	100	100		2.10	0.000	0.017	0.017	01/24/2019	12:11
4	CAL4	0.05	1	100	100		1.93	0.000	0.039	0.039	01/24/2019	12:11
5	CAL5	0.1	1	100	100		2.16	0.000	0.079	0.079	01/24/2019	12:12
6	CAL6	0.5	1	100	100		1.61	0.000	0.388	0.388	01/24/2019	12:12
7	CAL7	1	1	100	100		2.13	0.000	0.772	0.772	01/24/2019	12:13



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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		1.77	0.000	0.391	0.391	0.506	01/24/2019	12:13
2	ICB		1	100	100		2.03	0.000	0.000	0.000	0.000	01/24/2019	12:14
3	CCV1	0.5	1	100	100		2.45	0.000	0.391	0.391	0.506	01/24/2019	12:14
4	CCB1		1	100	100		2.36	0.000	0.000	0.000	0.000	01/24/2019	12:15
5	PB116600BL		1	2.50	100	7.55	1.81	0.000	0.000	0.000	0.000	01/24/2019	12:15
6	PB116600BS	20	1	2.54	100	7.31	1.72	0.000	0.378	0.378	0.489	01/24/2019	12:16
7	K1003-01		1	2.50	100	7.18	2.14	0.008	0.008	0.000	0.000	01/24/2019	12:16
8	K1016-03		1	2.55	100	7.25	2.22	0.035	0.035	0.000	0.000	01/24/2019	12:17
9	K1016-05		1	2.53	100	7.69	1.93	0.028	0.028	0.000	0.000	01/24/2019	12:17
10	K1016-07		1	2.50	100	7.88	1.64	0.017	0.017	0.000	0.000	01/24/2019	12:18
11	K1016-07DUP		1	2.51	100	7.40	2.17	0.016	0.016	0.000	0.000	01/24/2019	12:18
12	K1016-07MSPre	40	2	2.54	100	7.52	2.22	0.017	0.359	0.342	0.442	01/24/2019	12:19
13	K1016-07MS2Ins	1284	40	2.51	100	7.73	1.69	0.015	0.587	0.572	0.740	01/24/2019	12:19
14	K1016-07MS3Post	40	2	2.55	100	7.14	2.34	0.018	0.366	0.348	0.450	01/24/2019	12:20
15	CCV2	0.5	1	100	100		2.40	0.000	0.391	0.391	0.506	01/24/2019	12:20
16	CCB2		1	100	100		1.91	0.000	0.000	0.000	0.000	01/24/2019	12:21
17	K1016-09		1	2.53	100	7.26	1.85	0.015	0.015	0.000	0.000	01/24/2019	12:21
18	CCV3	0.5	1	100	100		2.31	0.000	0.391	0.391	0.506	01/24/2019	12:22
19	CCB3		1	100	100		1.61	0.000	0.000	0.000	0.000	01/24/2019	12:22