

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB89313

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP57014
Calibration Std. hexchrome 0.05 ppm	WP57013
5N sulfuric acid	WP56414
Calibratation STD HexaChrome 1 PPM	WP57016
Calibratation STD Hexa Chrome 0.5 PPM	WP57015
calibration std. hexchrome 0.01 ppm	WP57011
calibration std. hexchrome 0 ppm	WP57010
Hexavalent Chromium ICV Std.	WP57017
Hexavalent Chromium CCV Std	WP57018
hexavalent chromium color reagent	WP56891
HNO3 Hex-Chrome, 5M	WP56413
Calibration std Hexachrome, 0.025ppm	WP57012

Intercept: 0.0002

Slope: 0.7801

Regression: 0.999937

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		2.20	0.000	0.000	0.000	08/07/2017	14:55
2	CAL2	0.01	1	100	100		2.16	0.000	0.008	0.008	08/07/2017	14:55
3	CAL3	0.025	1	100	100		1.88	0.000	0.017	0.017	08/07/2017	14:56
4	CAL4	0.05	1	100	100		2.40	0.000	0.038	0.038	08/07/2017	14:56
5	CAL5	0.1	1	100	100		2.07	0.000	0.079	0.079	08/07/2017	14:57
6	CAL6	0.5	1	100	100		1.64	0.000	0.397	0.397	08/07/2017	14:57
7	CAL7	1	1	100	100		2.37	0.000	0.777	0.777	08/07/2017	14:58



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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		2.26	0.000	0.391	0.391	0.501	08/07/2017	14:58
2	ICB		1	100	100		1.52	0.000	0.000	0.000	0.000	08/07/2017	14:59
3	CCV1	0.5	1	100	100		2.45	0.000	0.392	0.392	0.502	08/07/2017	14:59
4	CCB1		1	100	100		2.10	0.000	0.000	0.000	0.000	08/07/2017	15:00
5	PB101319BL		1	2.55	100	7.70	1.93	0.000	0.000	0.000	0.000	08/07/2017	15:00
6	PB101319BS	20	1	2.53	100	7.32	1.65	0.000	0.381	0.381	0.488	08/07/2017	15:01
7	I4623-09		1	2.52	100	7.81	2.13	0.012	0.012	0.000	0.000	08/07/2017	15:01
8	I4623-12		1	2.54	100	7.36	2.44	0.010	0.010	0.000	0.000	08/07/2017	15:02
9	I4623-12DUP		1	2.50	100	7.20	1.67	0.009	0.009	0.000	0.000	08/07/2017	15:02
10	I4623-12MSPre	40	2	2.51	100	7.44	1.91	0.010	0.379	0.369	0.473	08/07/2017	15:03
11	I4623-12MS2Ins	1284	40	2.52	100	7.60	2.34	0.009	0.628	0.619	0.793	08/07/2017	15:03
12	I4623-12MS3Post	40	2	2.55	100	7.52	2.22	0.013	0.385	0.372	0.477	08/07/2017	15:04
13	I4636-01		1	2.54	100	7.19	2.08	0.023	0.024	0.001	0.001	08/07/2017	15:04
14	I4638-10		1	2.55	100	7.12	1.69	0.007	0.007	0.000	0.000	08/07/2017	15:05
15	CCV2	0.5	1	100	100		1.79	0.000	0.392	0.392	0.502	08/07/2017	15:05
16	CCB2		1	100	100		2.38	0.000	0.000	0.000	0.000	08/07/2017	15:05
17	I4639-01		1	2.50	100	7.74	1.65	0.018	0.018	0.000	0.000	08/07/2017	15:06
18	I4639-04		1	2.52	100	7.69	2.25	0.011	0.011	0.000	0.000	08/07/2017	15:06
19	I4642-01		1	2.51	100	7.34	1.97	0.017	0.017	0.000	0.000	08/07/2017	15:07
20	CCV3	0.5	1	100	100		2.20	0.000	0.393	0.393	0.504	08/07/2017	15:07
21	CCB3		1	100	100		1.78	0.000	0.000	0.000	0.000	08/07/2017	15:08