



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB98699

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP68835
Calibration Std. hexchrome 0.05 ppm	WP68834
5N sulfuric acid	WP65054
Hexavalent Chromium LCS Std	WP68840
Calibratation STD HexaChrome 1 PPM	WP68837
Calibratation STD Hexa Chrome 0.5 PPM	WP68836
calibration std. hexchrome 0.01 ppm	WP68832
calibration std. hexchrome 0 ppm	WP68831
Hexavalent Chromium ICV Std.	WP68838
Hexavalent Chromium CCV Std	WP68839
hexavalent chromium color reagent	WP68747
Calibration std Hexachrome, 0.025ppm	WP68833

Intercept: 0.0003

Slope: 0.7709

Regression: 0.999988

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	10/18/2018	11:20
2	CAL2	0.01	1	100	100		1.92	0.000	0.008	0.008	10/18/2018	11:20
3	CAL3	0.025	1	100	100		1.87	0.000	0.018	0.018	10/18/2018	11:21
4	CAL4	0.05	1	100	100		2.16	0.000	0.038	0.038	10/18/2018	11:21
5	CAL5	0.1	1	100	100		2.33	0.000	0.079	0.079	10/18/2018	11:22
6	CAL6	0.5	1	100	100		1.74	0.000	0.388	0.388	10/18/2018	11:22
7	CAL7	1	1	100	100		1.89	0.000	0.770	0.770	10/18/2018	11:23



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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		2.41	0.000	0.389	0.389	0.504	10/18/2018	11:23
2	ICB		1	100	100		2.22	0.000	0.000	0.000	0.000	10/18/2018	11:24
3	CCV1	0.5	1	100	100		1.56	0.000	0.390	0.390	0.506	10/18/2018	11:24
4	CCB1		1	100	100		1.63	0.000	0.000	0.000	0.000	10/18/2018	11:25
5	LB98699BL		1	100	100		2.02	0.000	0.000	0.000	0.000	10/18/2018	11:25
6	LB98699BS	0.5	1	100	100		2.48	0.000	0.378	0.378	0.490	10/18/2018	11:26
7	J5586-01		1	100	100		1.62	0.003	0.003	0.000	0.000	10/18/2018	11:26
8	J5586-01DUP		1	100	100		1.96	0.003	0.003	0.000	0.000	10/18/2018	11:27
9	J5586-01MS	1	2	100	100		1.83	0.004	0.351	0.347	0.450	10/18/2018	11:27
10	J5586-01MSD	1	2	100	100		1.69	0.004	0.353	0.349	0.452	10/18/2018	11:28
11	CCV2	0.5	1	100	100		2.43	0.000	0.390	0.390	0.506	10/18/2018	11:28
12	CCB2		1	100	100		1.78	0.000	0.000	0.000	0.000	10/18/2018	11:29

LB98699

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hex101818-3

WorkList ID : 118174

Date : 10/18/2018 9:27:49 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
10/18/2018	Water	J5586-01	Hexavalent Chromium	Cool 4 deg C	CHAZ02	D31	LCS-5-WEST-DRAIN-PIPE	10/17/2018	7196A

Date/Time 10/18/18 11:00
Received by: FS
Relinquished by: AS

Date/Time 10/18/18 12:00
Received by: AS
Relinquished by: IB