

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB90771

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP58738
Calibration Std. hexchrome 0.05 ppm	WP58737
5N sulfuric acid	WP56414
Hexavalent Chromium LCS Std	WP58743
Calibratation STD HexaChrome 1 PPM	WP58740
Calibratation STD Hexa Chrome 0.5 PPM	WP58739
calibration std. hexchrome 0.01 ppm	WP58735
calibration std. hexchrome 0 ppm	WP58734
Hexavalent Chromium ICV Std.	WP58741
Hexavalent Chromium CCV Std	WP58742
hexavalent chromium color reagent	WP58638
Calibration std Hexachrome, 0.025ppm	WP58736

Intercept: 0.0003

Slope: 0.7744

Regression: 0.999921

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		1.73	0.000	0.000	0.000	10/12/2017	12:40
2	CAL2	0.01	1	100	100		2.39	0.000	0.007	0.007	10/12/2017	12:40
3	CAL3	0.025	1	100	100		1.58	0.000	0.017	0.017	10/12/2017	12:41
4	CAL4	0.05	1	100	100		2.24	0.000	0.038	0.038	10/12/2017	12:41
5	CAL5	0.1	1	100	100		2.46	0.000	0.079	0.079	10/12/2017	12:42
6	CAL6	0.5	1	100	100		1.90	0.000	0.395	0.395	10/12/2017	12:42
7	CAL7	1	1	100	100		2.39	0.000	0.771	0.771	10/12/2017	12:43



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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		2.15	0.000	0.390	0.390	0.503	10/12/2017	12:43
2	ICB		1	100	100		1.65	0.000	0.000	0.000	0.000	10/12/2017	12:44
3	CCV1	0.5	1	100	100		1.72	0.000	0.392	0.392	0.506	10/12/2017	12:44
4	CCB1		1	100	100		2.31	0.000	0.000	0.000	0.000	10/12/2017	12:45
5	LB90771BL		1	100	100		2.24	0.000	0.000	0.000	0.000	10/12/2017	12:45
6	LB90771BS	0.5	1	100	100		2.08	0.000	0.386	0.386	0.498	10/12/2017	12:46
7	I5837-01		1	100	100		1.96	0.000	0.000	0.000	0.000	10/12/2017	12:46
8	I5837-02		1	100	100		2.42	0.000	0.000	0.000	0.000	10/12/2017	12:47
9	I5837-02DUP		1	100	100		1.97	0.000	0.000	0.000	0.000	10/12/2017	12:47
10	I5837-02MS	1	2	100	100		2.09	0.000	0.385	0.385	0.497	10/12/2017	12:48
11	I5837-02MSD	1	2	100	100		2.15	0.000	0.385	0.385	0.497	10/12/2017	12:48
12	CCV2	0.5	1	100	100		1.66	0.000	0.392	0.392	0.506	10/12/2017	12:49
13	CCB2		1	100	100		2.27	0.000	0.000	0.000	0.000	10/12/2017	12:49

2B90771

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hex101217

WorkList ID : 104087

Date : 10/12/2017 11:01:26 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
10/11/2017	Water	I5837-01	Hexavalent Chromium	Cool 4 deg C	AQUA04	K62	20170685-FB	10/10/2017	7196A
10/12/2017	Water	I5837-02	Hexavalent Chromium	Cool 4 deg C	AQUA04	K62	20170686-FB	10/11/2017	7196A

Date/Time 10/12/17 12:27

Received by: IB

Relinquished by: IB

Date/Time 10/12/17 13:03

Received by: IB

Relinquished by: IB