

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB86970

pH Meter ID: pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP54327
Calibration Std. hexchrome 0.05 ppm	WP54326
5N sulfuric acid	WP53540
Hexavalent Chromium LCS Std	WP54345
Calibratation STD HexaChrome 1 PPM	WP54329
Calibratation STD Hexa Chrome 0.5 PPM	WP54328
calibration std. hexchrome 0.01 ppm	WP54324
calibration std. hexchrome 0 ppm	WP54323
Hexavalent Chromium ICV Std.	WP54344
Hexavalent Chromium CCV Std	WP54332
hexavalent chromium color reagent	WP54334
Calibration std Hexachrome, 0.025ppm	WP54325

Intercept: 0.0004

Slope: 0.7812

Regression: 0.999962

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		2.13	0.000	0.000	0.000	04/19/2017	13:01
2	CAL2	0.01	1	100	100		1.90	0.000	0.007	0.007	04/19/2017	13:01
3	CAL3	0.025	1	100	100		2.33	0.000	0.018	0.018	04/19/2017	13:02
4	CAL4	0.05	1	100	100		1.97	0.000	0.039	0.039	04/19/2017	13:02
5	CAL5	0.1	1	100	100		1.75	0.000	0.080	0.080	04/19/2017	13:03
6	CAL6	0.5	1	100	100		2.40	0.000	0.396	0.396	04/19/2017	13:03
7	CAL7	1	1	100	100		2.24	0.000	0.779	0.779	04/19/2017	13:04



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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		2.11	0.000	0.395	0.395	0.505	04/19/2017	13:04
2	ICB		1	100	100		2.48	0.000	0.000	0.000	-0.001	04/19/2017	13:05
3	CCV1	0.5	1	100	100		1.63	0.000	0.396	0.396	0.506	04/19/2017	13:05
4	CCB1		1	100	100		1.54	0.000	0.000	0.000	-0.001	04/19/2017	13:06
5	LB86970BL		1	100	100		2.29	0.000	0.000	0.000	-0.001	04/19/2017	13:06
6	LB86970BS	0.5	1	100	100		2.41	0.000	0.390	0.390	0.499	04/19/2017	13:07
7	I2764-02		1	100	100		2.15	0.000	0.000	0.000	-0.001	04/19/2017	13:07
8	I2764-02DUP		1	100	100		1.99	0.000	0.000	0.000	-0.001	04/19/2017	13:08
9	I2764-02MS	1	2	100	100		2.08	0.000	0.400	0.400	0.512	04/19/2017	13:08
10	I2764-02MSD	1	2	100	100		2.17	0.000	0.399	0.399	0.510	04/19/2017	13:09
11	CCV2	0.5	1	100	100		1.88	0.000	0.396	0.396	0.506	04/19/2017	13:09
12	CCB2		1	100	100		1.73	0.000	0.000	0.000	-0.001	04/19/2017	13:10

2886970

WORKLIST(Hardcopy Internal Chain)

WorkList Name : hex011917

WorkList ID : 97570

Date : 4/19/2017 11:23:50 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Water	I2764-02	Hexavalent Chromium	Cool 4 deg C	SHAW22	P31	OUTFALL001-170418	04/18/2017	7196A

Date/Time 04/19/17 11:30
Received by: TB
Relinquished by: CR

Date/Time 04/19/17 13:45
Received by: CR
Relinquished by: IB