

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB87659

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP55146
Calibration Std. hexchrome 0.05 ppm	WP55145
5N sulfuric acid	WP53540
Calibratation STD HexaChrome 1 PPM	WP55148
Calibratation STD Hexa Chrome 0.5 PPM	WP55147
calibration std. hexchrome 0.01 ppm	WP55123
calibration std. hexchrome 0 ppm	WP55122
Hexavalent Chromium ICV Std.	WP55149
Hexavalent Chromium CCV Std	WP55150
hexavalent chromium color reagent	
HNO3 Hex-Chrome, 5M	WP53205
Calibration std Hexachrome, 0.025ppm	WP55124

Intercept: 0.0002

Slope: 0.7813

Regression: 0.999966

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		2.25	0.000	0.000	0.000	05/23/2017	15:20
2	CAL2	0.01	1	100	100		2.13	0.000	0.008	0.008	05/23/2017	15:20
3	CAL3	0.025	1	100	100		1.82	0.000	0.018	0.018	05/23/2017	15:21
4	CAL4	0.05	1	100	100		2.10	0.000	0.039	0.039	05/23/2017	15:21
5	CAL5	0.1	1	100	100		1.77	0.000	0.078	0.078	05/23/2017	15:22
6	CAL6	0.5	1	100	100		2.34	0.000	0.396	0.396	05/23/2017	15:22
7	CAL7	1	1	100	100		1.56	0.000	0.779	0.779	05/23/2017	15:23

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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		2.11	0.000	0.393	0.393	0.503	05/23/2017	15:23
2	ICB		1	100	100		1.70	0.000	0.000	0.000	0.000	05/23/2017	15:24
3	CCV1	0.5	1	100	100		1.63	0.000	0.394	0.394	0.504	05/23/2017	15:24
4	CCB1		1	100	100		2.18	0.000	0.000	0.000	0.000	05/23/2017	15:25
5	LB87659BL		1	100	100		2.34	0.000	0.000	0.000	0.000	05/23/2017	15:25
6	LB87659BS	0.5	1	100	100		2.25	0.000	0.371	0.371	0.475	05/23/2017	15:26
7	I3309-01		1	100	100		1.57	0.005	0.005	0.000	0.000	05/23/2017	15:26
8	I3309-01DUP		1	100	100		1.69	0.006	0.006	0.000	0.000	05/23/2017	15:27
9	I3309-01MS	1	2	100	100		1.60	0.005	0.357	0.352	0.450	05/23/2017	15:27
10	I3309-01MSD	1	2	100	100		2.13	0.004	0.356	0.352	0.450	05/23/2017	15:28
11	I3309-02		1	100	100		2.07	0.003	0.003	0.000	0.000	05/23/2017	15:28
12	CCV2	0.5	1	100	100		2.24	0.000	0.394	0.394	0.504	05/23/2017	15:29
13	CCB2		1	100	100		2.46	0.000	0.000	0.000	0.000	05/23/2017	15:29

LB 87659

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hex052317-4 WorkList ID : 98827 Date : 5/23/2017 2:30:41 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Water	I3309-01	Hexavalent Chromium	Cool 4 deg C	WOOD06	J41	GMW-8	05/23/2017	7196A
	Water	I3309-02	Hexavalent Chromium	Cool 4 deg C	WOOD06	J41	GMW-9	05/23/2017	7196A

Date/Time 05/23/17 14:35
Received by: IB
Relinquished by: CP

Date/Time 05/23/17 16:00
Received by: CP
Relinquished by: IB