



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB100099

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP70579
Calibration Std. hexchrome 0.05 ppm	WP70578
5N sulfuric acid	WP70044
Hexavalent Chromium LCS Std	WP70584
Calibratation STD HexaChrome 1 PPM	WP70581
Calibratation STD Hexa Chrome 0.5 PPM	WP70580
calibration std. hexchrome 0.01 ppm	WP70576
calibration std. hexchrome 0 ppm	WP70575
Hexavalent Chromium ICV Std.	WP70582
Hexavalent Chromium CCV Std	WP70583
hexavalent chromium color reagent	WP70527
Calibration std Hexachrome, 0.025ppm	WP70577

Intercept: 0.0001

Slope: 0.7727

Regression: 0.999975

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		2.30	0.000	0.000	0.000	12/28/2018	11:18
2	CAL2	0.01	1	100	100		1.78	0.000	0.007	0.007	12/28/2018	11:18
3	CAL3	0.025	1	100	100		1.54	0.000	0.017	0.017	12/28/2018	11:19
4	CAL4	0.05	1	100	100		2.10	0.000	0.039	0.039	12/28/2018	11:19
5	CAL5	0.1	1	100	100		2.45	0.000	0.079	0.079	12/28/2018	11:20
6	CAL6	0.5	1	100	100		2.11	0.000	0.390	0.390	12/28/2018	11:20
7	CAL7	1	1	100	100		1.90	0.000	0.771	0.771	12/28/2018	11:21



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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		1.62	0.000	0.392	0.392	0.507	12/28/2018	11:21
2	ICB		1	100	100		2.08	0.000	0.000	0.000	0.000	12/28/2018	11:22
3	CCV1	0.5	1	100	100		1.97	0.000	0.392	0.392	0.507	12/28/2018	12:10
4	CCB1		1	100	100		1.66	0.000	0.000	0.000	0.000	12/28/2018	12:10
5	LB100099BL		1	100	100		2.11	0.000	0.000	0.000	0.000	12/28/2018	12:11
6	LB100099BS	0.5	1	100	100		1.58	0.000	0.369	0.369	0.477	12/28/2018	12:11
7	J6591-01		1	100	100		2.25	0.000	0.000	0.000	0.000	12/28/2018	12:12
8	J6591-01DUP		1	100	100		2.44	0.000	0.000	0.000	0.000	12/28/2018	12:12
9	J6591-01MS	1	2	100	100		2.16	0.000	0.358	0.358	0.463	12/28/2018	12:13
10	J6591-01MSD	1	2	100	100		1.72	0.000	0.359	0.359	0.464	12/28/2018	12:13
11	J6591-04		1	100	100		1.95	0.001	0.001	0.000	0.000	12/28/2018	12:14
12	J6591-06		1	100	100		2.33	0.002	0.002	0.000	0.000	12/28/2018	12:14
13	CCV2	0.5	1	100	100		2.05	0.000	0.392	0.392	0.507	12/28/2018	12:15
14	CCB2		1	100	100		1.58	0.000	0.000	0.000	0.000	12/28/2018	12:15

WORKLIST(Hardcopy Internal Chain)

LB100099

WorkList Name : Hex122819

WorkList ID : 120865

Date : 12/28/2018 10:05:12 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
12/28/2018	Water	J6591-01	Hexavalent Chromium	Cool 4 deg C	LANG03	D32	MW04_122718	12/27/2018	7196A
12/28/2018	Water	J6591-04	Hexavalent Chromium	Cool 4 deg C	LANG03	D32	FB03_122718	12/27/2018	7196A
12/28/2018	Water	J6591-06	Hexavalent Chromium	Cool 4 deg C	LANG03	D32	DUP03_122718	12/27/2018	7196A

Date/Time 12/24/19 11:00
 Received by: IB
 Relinquished by: IB

Date/Time 12/28/19 13:30
 Received by: IB
 Relinquished by: IB