



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB98668

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP68806
Calibration Std. hexchrome 0.05 ppm	WP68805
Hexavalent Chromium LCS Std	WP68809
Calibratation STD HexaChrome 1 PPM	WP68708
Calibratation STD Hexa Chrome 0.5 PPM	WP68810
calibration std. hexchrome 0.01 ppm	WP68803
calibration std. hexchrome 0 ppm	WP68802
Hexavalent Chromium ICV Std.	WP68807
Hexavalent Chromium CCV Std	WP68808
HEX LOD STD, 0.005PPM	WP68813
HEX LOQ STD, 0.02PPM	WP68812
Calibration std Hexachrome, 0.025ppm	WP68804

Intercept: -0.0002

Slope: 0.7708

Regression: 0.999996

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		1.89	0.000	0.000	0.000	10/17/2018	15:00
2	CAL2	0.01	1	100	100		2.32	0.000	0.007	0.007	10/17/2018	15:00
3	CAL3	0.025	1	100	100		2.20	0.000	0.018	0.018	10/17/2018	15:01
4	CAL4	0.05	1	100	100		2.15	0.000	0.038	0.038	10/17/2018	15:01
5	CAL5	0.1	1	100	100		1.78	0.000	0.078	0.078	10/17/2018	15:02
6	CAL6	0.5	1	100	100		1.99	0.000	0.386	0.386	10/17/2018	15:02
7	CAL7	1	1	100	100		1.56	0.000	0.770	0.770	10/17/2018	15:03



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB98668

pH Meter ID: WC pH Meter-1

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		2.13	0.000	0.393	0.393	0.510	10/17/2018	15:03
2	ICB		1	100	100		1.77	0.000	0.000	0.000	0.000	10/17/2018	15:04
3	CCV1	0.5	1	100	100		1.88	0.000	0.392	0.392	0.509	10/17/2018	15:04
4	CCB1		1	100	100		2.14	0.000	0.000	0.000	0.000	10/17/2018	15:05
5	LB98668BL		1	100	100		2.31	0.000	0.000	0.000	0.000	10/17/2018	15:05
6	LB98668BS	0.5	1	100	100		1.70	0.000	0.383	0.383	0.497	10/17/2018	15:05
7	J5164-07		1	100	100		2.20	0.000	0.004	0.004	0.005	10/17/2018	15:06
8	J5164-08		1	100	100		2.38	0.000	0.014	0.014	0.018	10/17/2018	15:06
9	J5164-09		1	100	100		1.76	0.000	0.005	0.005	0.007	10/17/2018	15:07
10	J5572-03		1	100	100		1.82	0.002	0.002	0.000	0.000	10/17/2018	15:07
11	J5572-03DUP		1	100	100		1.99	0.003	0.003	0.000	0.000	10/17/2018	15:08
12	J5572-03MS	1	2	100	100		2.39	0.003	0.381	0.378	0.491	10/17/2018	15:08
13	J5572-03MSD	1	2	100	100		2.44	0.003	0.380	0.377	0.489	10/17/2018	15:09
14	J5573-04		1	100	100		2.92	0.000	0.000	0.000	0.000	10/17/2018	15:09
15	CCV2	0.5	1	100	100		2.33	0.000	0.393	0.393	0.510	10/17/2018	15:10
16	CCB2		1	100	100		1.66	0.000	0.000	0.000	0.000	10/17/2018	15:10

LB98668

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hex101718-02

WorkList ID : 118135

Date : 10/17/2018 2:07:36 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
10/17/2018	Water	J5572-03	Hexavalent Chromium	Cool 4 deg C	SHAW22		OUTFALL001-181016	10/16/2018	7196A
10/11/2018	Water	J5573-04	Hexavalent Chromium	Cool 4 deg C	AQUA04	D11	FIELD-BLANK	10/10/2018	7196A

Date/Time

Received by:

Relinquished by:

10/19/18 14:25

IB

CB

Date/Time

Received by:

Relinquished by:

10/19/18 15:30

JF

IB

WORKLIST(Hardcopy Internal Chain)

LB98668

WorkList Name : Hex101718

WorkList ID : 118134

Date : 10/17/2018 2:07:31 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
09/29/2018	Water	J5164-07	Hexavalent Chromium	Cool 4 deg C	CHEM02	Wet Chem L	LOD-MDL-WATER-01-QT4-20	09/28/2018	7196A
09/29/2018	Water	J5164-08	Hexavalent Chromium	Cool 4 deg C	CHEM02	Wet Chem L	LOQ-WATER-02-QT4-2018	09/28/2018	7196A
09/29/2018	Water	J5164-09	Hexavalent Chromium	Cool 4 deg C	CHEM02	Wet Chem L	MDL-WATER-03-QT4-2018	09/28/2018	7196A

Date/Time _____
 Received by: _____
 Relinquished by: _____

Date/Time _____
 Received by: _____
 Relinquished by: _____