

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB90220

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP58133
Calibration Std. hexchrome 0.05 ppm	WP58132
5N sulfuric acid	WP56414
Hexavalent Chromium LCS Std	WP58138
Calibratation STD HexaChrome 1 PPM	WP58135
Calibratation STD Hexa Chrome 0.5 PPM	WP58134
calibration std. hexchrome 0.01 ppm	WP58130
calibration std. hexchrome 0 ppm	WP58129
Hexavalent Chromium ICV Std.	WP58136
Hexavalent Chromium CCV Std	WP58137
hexavalent chromium color reagent	WP58042
Calibration std Hexachrome, 0.025ppm	WP58131

Intercept: 0.0002

Slope: 0.7738

Regression: 0.999913

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		2.10	0.000	0.000	0.000	09/21/2017	12:00
2	CAL2	0.01	1	100	100		2.36	0.000	0.006	0.006	09/21/2017	12:00
3	CAL3	0.025	1	100	100		1.54	0.000	0.017	0.017	09/21/2017	12:01
4	CAL4	0.05	1	100	100		1.78	0.000	0.039	0.039	09/21/2017	12:01
5	CAL5	0.1	1	100	100		2.08	0.000	0.078	0.078	09/21/2017	12:02
6	CAL6	0.5	1	100	100		2.41	0.000	0.395	0.395	09/21/2017	12:02
7	CAL7	1	1	100	100		1.66	0.000	0.770	0.770	09/21/2017	12:03



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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		1.90	0.000	0.392	0.392	0.506	09/21/2017	12:03
2	ICB		1	100	100		2.10	0.000	0.000	0.000	0.000	09/21/2017	12:04
3	CCV1	0.5	1	100	100		2.34	0.000	0.393	0.393	0.508	09/21/2017	12:04
4	CCB1		1	100	100		1.60	0.000	0.000	0.000	0.000	09/21/2017	12:05
5	LB90220BL		1	100	100		2.19	0.000	0.000	0.000	0.000	09/21/2017	12:05
6	LB90220BS	0.5	1	100	100		2.27	0.000	0.402	0.402	0.519	09/21/2017	12:06
7	I5321-01		1	100	100		1.53	0.015	0.015	0.000	0.000	09/21/2017	12:06
8	I5321-02		1	100	100		1.77	0.027	0.027	0.000	0.000	09/21/2017	12:07
9	I5321-03		1	100	100		2.41	0.022	0.022	0.000	0.000	09/21/2017	12:07
10	I5321-04		1	100	100		2.18	0.000	0.000	0.000	0.000	09/21/2017	12:08
11	I5321-04DUP		1	100	100		1.74	0.000	0.000	0.000	0.000	09/21/2017	12:08
12	I5321-04MS	1	2	100	100		1.59	0.000	0.378	0.378	0.488	09/21/2017	12:09
13	I5321-04MSD	1	2	100	100		2.15	0.000	0.379	0.379	0.490	09/21/2017	12:09
14	I5321-05		1	100	100		2.23	0.002	0.002	0.000	0.000	09/21/2017	12:10
15	CCV2	0.5	1	100	100		2.37	0.000	0.393	0.393	0.508	09/21/2017	12:10
16	CCB2		1	100	100		1.56	0.000	0.000	0.000	0.000	09/21/2017	12:11
17	I5321-06		1	100	100		1.81	0.001	0.002	0.001	0.001	09/21/2017	12:11
18	CCV3	0.5	1	100	100		1.59	0.000	0.394	0.394	0.509	09/21/2017	12:12
19	CCB3		1	100	100		2.01	0.000	0.000	0.000	0.000	09/21/2017	12:12

2890220

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hex092017-2

WorkList ID : 103068

Date : 9/20/2017 12:37:47 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Water	I5321-01 C	Hexavalent Chromium	Cool 4 deg C	AQUA04	H22	20170610-COMP-A	09/19/2017	7196A
	Water	I5321-02 C	Hexavalent Chromium	Cool 4 deg C	AQUA04	H22	20170611-COMP-B	09/19/2017	7196A
	Water	I5321-03 C	Hexavalent Chromium	Cool 4 deg C	AQUA04	H22	20170530-LOC-6	09/19/2017	7196A
	Water	I5321-04 F	Hexavalent Chromium	Cool 4 deg C	AQUA04	H22	20170610-COMP-A	09/19/2017	7196A
	Water	I5321-05 F	Hexavalent Chromium	Cool 4 deg C	AQUA04	H22	20170611-COMP-B	09/19/2017	7196A
	Water	I5321-06 F	Hexavalent Chromium	Cool 4 deg C	AQUA04	H22	20170530-LOC-6	09/19/2017	7196A

Date/Time 09/21/17 11:05
Received by: IB
Relinquished by: IB

Date/Time 09/21/17 12:58
Received by: IB
Relinquished by: IB