

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB94210

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP63136
Calibration Std. hexchrome 0.05 ppm	WP63135
Hexavalent Chromium LCS Std	WP63143
Calibratation STD HexaChrome 1 PPM	WP63138
Calibratation STD Hexa Chrome 0.5 PPM	WP63137
calibration std. hexchrome 0.01 ppm	WP63133
calibration std. hexchrome 0 ppm	WP63132
Hexavalent Chromium ICV Std.	WP63139
Hexavalent Chromium CCV Std	WP63141
HEX LOD STD, 0.005PPM	WP63142
0.2N SULFURIC ACID	WP62858
Calibration std Hexachrome, 0.025ppm	WP63134

Intercept: -0.0001

Slope: 0.7702

Regression: 0.999988

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		1.88	0.000	0.000	0.000	03/28/2018	11:00
2	CAL2	0.01	1	100	100		2.15	0.000	0.007	0.007	03/28/2018	11:00
3	CAL3	0.025	1	100	100		2.36	0.000	0.017	0.017	03/28/2018	11:01
4	CAL4	0.05	1	100	100		1.57	0.000	0.039	0.039	03/28/2018	11:01
5	CAL5	0.1	1	100	100		1.69	0.000	0.078	0.078	03/28/2018	11:02
6	CAL6	0.5	1	100	100		2.14	0.000	0.387	0.387	03/28/2018	11:02
7	CAL7	1	1	100	100		2.40	0.000	0.769	0.769	03/28/2018	11:03



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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		1.93	0.000	0.389	0.389	0.505	03/28/2018	11:03
2	ICB		1	100	100		1.64	0.000	0.000	0.000	0.000	03/28/2018	11:04
3	CCV1	0.5	1	100	100		2.07	0.000	0.390	0.390	0.506	03/28/2018	11:04
4	CCB1		1	100	100		2.38	0.000	0.000	0.000	0.000	03/28/2018	11:05
5	LB94210BL		1	100	100		2.40	0.000	0.000	0.000	0.000	03/28/2018	11:05
6	LB94210BS	0.5	1	100	100		1.88	0.000	0.363	0.363	0.471	03/28/2018	11:06
7	J2104-03		1	100	100		2.25	0.003	0.003	0.000	0.000	03/28/2018	11:07
8	J2104-03DUP		1	100	100		1.76	0.002	0.002	0.000	0.000	03/28/2018	11:08
9	J2104-03MS	1	2	100	100		1.46	0.003	0.351	0.348	0.452	03/28/2018	11:08
10	J2104-03MSD	1	2	100	100		2.33	0.003	0.351	0.348	0.452	03/28/2018	11:09
11	CCV2	0.5	1	100	100		2.21	0.000	0.391	0.391	0.508	03/28/2018	11:09
12	CCB2		1	100	100		1.90	0.000	0.000	0.000	0.000	03/28/2018	11:10

WORKLIST(Hardcopy Internal Chain)

LB94210

WorkList Name : Hex032818-03

WorkList ID : 110104

Date : 3/28/2018 10:23:31 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
03/24/2018	Water	J2104-03	Hexavalent Chromium	Cool 4 deg C	AQUA04	K53	20180219-FIELD-BLANK	03/23/2018	7196A

Date/Time 03/28/18 10:30
 Received by: JB
 Relinquished by: CB

Date/Time 03/28/18 11:25
 Received by: CB
 Relinquished by: JB