

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB96018

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP65314
Calibration Std. hexchrome 0.05 ppm	WP65313
5N sulfuric acid	WP65054
Hexavalent Chromium LCS Std	WP65319
Calibratation STD HexaChrome 1 PPM	WP65316
Calibratation STD Hexa Chrome 0.5 PPM	WP65315
calibration std. hexchrome 0.01 ppm	WP65311
calibration std. hexchrome 0 ppm	WP65310
Hexavalent Chromium ICV Std.	WP65318
Hexavalent Chromium CCV Std	WP65317
hexavalent chromium color reagent	WP65230
Calibration std Hexachrome, 0.025ppm	WP65312

Intercept: 0.0005

Slope: 0.7695

Regression: 0.999972

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		2.44	0.000	0.000	0.000	06/14/2018	11:00
2	CAL2	0.01	1	100	100		2.03	0.000	0.008	0.008	06/14/2018	11:00
3	CAL3	0.025	1	100	100		1.59	0.000	0.017	0.017	06/14/2018	11:01
4	CAL4	0.05	1	100	100		2.07	0.000	0.039	0.039	06/14/2018	11:01
5	CAL5	0.1	1	100	100		1.89	0.000	0.079	0.079	06/14/2018	11:02
6	CAL6	0.5	1	100	100		1.77	0.000	0.389	0.389	06/14/2018	11:02
7	CAL7	1	1	100	100		2.36	0.000	0.768	0.768	06/14/2018	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		1.79	0.000	0.390	0.390	0.506	06/14/2018	11:03
2	ICB		1	100	100		1.92	0.000	0.000	0.000	-0.001	06/14/2018	11:04
3	CCV1	0.5	1	100	100		2.35	0.000	0.390	0.390	0.506	06/14/2018	11:04
4	CCB1		1	100	100		2.20	0.000	0.000	0.000	-0.001	06/14/2018	11:05
5	LB96018BL		1	100	100		1.86	0.000	0.000	0.000	-0.001	06/14/2018	11:05
6	LB96018BS	0.5	1	100	100		2.34	0.000	0.391	0.391	0.507	06/14/2018	11:06
7	J3502-01		1	100	100		2.10	0.003	0.003	0.000	-0.001	06/14/2018	11:06
8	J3502-01DUP		1	100	100		1.71	0.002	0.002	0.000	-0.001	06/14/2018	11:07
9	J3502-01MS	1	2	100	100		1.69	0.005	0.387	0.382	0.496	06/14/2018	11:07
10	J3502-01MSD	1	2	100	100		2.07	0.004	0.388	0.384	0.498	06/14/2018	11:07
11	J3502-02		1	100	100		2.41	0.000	0.000	0.000	-0.001	06/14/2018	11:08
12	CCV2	0.5	1	100	100		1.75	0.000	0.390	0.390	0.506	06/14/2018	11:08
13	CCB2		1	100	100		2.10	0.000	0.000	0.000	-0.001	06/14/2018	11:09

L396018

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hex061418-3

WorkList ID : 113352

Date : 6/14/2018 10:48:13 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
06/08/2018	Water	J3502-01	Hexavalent Chromium	Cool 4 deg C	AQUA04	D32	20180367-SITE-WATER	06/07/2018	7196A
06/08/2018	Water	J3502-02	Hexavalent Chromium	Cool 4 deg C	AQUA04	D32	20180366-FIELD-BLANK	06/07/2018	7196A

Date/Time 06/14/18 10:50
Received by: IB
Relinquished by: IB

Date/Time 06/14/18 11:15
Received by: IB
Relinquished by: IB