

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB99308

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP69633
Calibration Std. hexchrome 0.05 ppm	WP69632
5N sulfuric acid	WP65054
Hexavalent Chromium LCS Std	WP69638
Calibratation STD HexaChrome 1 PPM	WP69635
Calibratation STD Hexa Chrome 0.5 PPM	WP69634
calibration std. hexchrome 0.01 ppm	WP69630
calibration std. hexchrome 0 ppm	WP69445
Hexavalent Chromium ICV Std.	WP69636
Hexavalent Chromium CCV Std	WP69637
hexavalent chromium color reagent	WP69533
Calibration std Hexachrome, 0.025ppm	WP69631

Intercept: 0.0001

Slope: 0.77

Regression: 0.999971

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		2.15	0.000	0.000	0.000	11/16/2018	14:00
2	CAL2	0.01	1	100	100		1.77	0.000	0.007	0.007	11/16/2018	14:00
3	CAL3	0.025	1	100	100		1.59	0.000	0.017	0.017	11/16/2018	14:01
4	CAL4	0.05	1	100	100		2.33	0.000	0.038	0.038	11/16/2018	14:01
5	CAL5	0.1	1	100	100		2.41	0.000	0.079	0.079	11/16/2018	14:02
6	CAL6	0.5	1	100	100		1.96	0.000	0.389	0.389	11/16/2018	14:02
7	CAL7	1	1	100	100		1.74	0.000	0.768	0.768	11/16/2018	14:03



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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		2.08	0.000	0.389	0.389	0.505	11/16/2018	14:03
2	ICB		1	100	100		2.21	0.000	0.000	0.000	0.000	11/16/2018	14:04
3	CCV1	0.5	1	100	100		1.77	0.000	0.390	0.390	0.506	11/16/2018	17:30
4	CCB1		1	100	100		2.25	0.000	0.000	0.000	0.000	11/16/2018	17:30
5	LB99308BL		1	100	100		1.66	0.000	0.000	0.000	0.000	11/16/2018	17:31
6	LB99308BS	0.5	1	100	100		1.81	0.000	0.380	0.380	0.493	11/16/2018	17:31
7	J5993-07		1	100	100		2.03	0.002	0.002	0.000	0.000	11/16/2018	17:32
8	J5994-01		1	100	100		2.27	0.014	0.014	0.000	0.000	11/16/2018	17:32
9	J5994-01DUP		1	100	100		2.44	0.013	0.013	0.000	0.000	11/16/2018	17:33
10	J5994-01MS	1	2	100	100		1.90	0.015	0.375	0.360	0.467	11/16/2018	17:33
11	J5994-01MSD	1	2	100	100		1.73	0.014	0.374	0.360	0.467	11/16/2018	17:34
12	J5994-02		1	100	100		2.15	0.001	0.001	0.000	0.000	11/16/2018	17:34
13	CCV2	0.5	1	100	100		2.30	0.000	0.391	0.391	0.508	11/16/2018	17:35
14	CCB2		1	100	100		2.41	0.000	0.000	0.000	0.000	11/16/2018	17:35

2899308

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hex111618-2

WorkList ID : 119356

Date : 11/16/2018 4:23:20 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
11/15/2018	Water	J5993-07	Hexavalent Chromium	Cool 4 deg C	AQUA04	L51	20180899-FIELD-BLANK	11/14/2018	7196A
11/16/2018	Water	J5994-01	Hexavalent Chromium	Cool 4 deg C	AQUA04	L51	20180923-SITE-WATER	11/15/2018	7196A
11/16/2018	Water	J5994-02	Hexavalent Chromium	Cool 4 deg C	AQUA04	L51	20180924-FIELD-BLANK	11/15/2018	7196A

Date/Time 11/16/18 17:05
 Received by: IB
 Relinquished by: [Signature]

Date/Time 11/16/18 18:00
 Received by: [Signature]
 Relinquished by: IB