



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB96864

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP66428
Calibration Std. hexchrome 0.05 ppm	WP66426
5N sulfuric acid	WP65054
Hexavalent Chromium LCS Std	WP66446
Calibratation STD HexaChrome 1 PPM	WP66431
Calibratation STD Hexa Chrome 0.5 PPM	WP66429
calibration std. hexchrome 0.01 ppm	WP66423
calibration std. hexchrome 0 ppm	WP66421
Hexavalent Chromium ICV Std.	WP66433
Hexavalent Chromium CCV Std	WP66452
hexavalent chromium color reagent	WP66393
Calibration std Hexachrome, 0.025ppm	WP66425

Intercept: 0.0003

Slope: 0.7697

Regression: 0.999975

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	07/25/2018	13:00
2	CAL2	0.01	1	100	100		2.07	0.000	0.007	0.007	07/25/2018	13:00
3	CAL3	0.025	1	100	100		1.76	0.000	0.018	0.018	07/25/2018	13:01
4	CAL4	0.05	1	100	100		2.21	0.000	0.038	0.038	07/25/2018	13:01
5	CAL5	0.1	1	100	100		2.40	0.000	0.079	0.079	07/25/2018	13:02
6	CAL6	0.5	1	100	100		1.73	0.000	0.389	0.389	07/25/2018	13:02
7	CAL7	1	1	100	100		1.55	0.000	0.768	0.768	07/25/2018	13:03



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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		1.78	0.000	0.389	0.389	0.505	07/25/2018	13:03
2	ICB		1	100	100		2.13	0.000	0.000	0.000	0.000	07/25/2018	13:04
3	CCV1	0.5	1	100	100		1.55	0.000	0.389	0.389	0.505	07/25/2018	13:04
4	CCB1		1	100	100		2.13	0.000	0.000	0.000	0.000	07/25/2018	13:05
5	LB96864BL		1	100	100		2.22	0.000	0.000	0.000	0.000	07/25/2018	13:05
6	LB96864BS	0.5	1	100	100		1.60	0.000	0.383	0.383	0.497	07/25/2018	13:06
7	J4080-11		1	100	100		2.41	0.001	0.424	0.423	0.549	07/25/2018	13:06
8	J4153-03		1	100	100		2.27	0.000	0.000	0.000	0.000	07/25/2018	13:07
9	J4153-03DUP		1	100	100		1.88	0.000	0.000	0.000	0.000	07/25/2018	13:07
10	J4153-03MS	1	2	100	100		2.09	0.000	0.384	0.384	0.499	07/25/2018	13:08
11	J4153-03MSD	1	2	100	100		1.63	0.001	0.384	0.383	0.497	07/25/2018	13:08
12	CCV2	0.5	1	100	100		2.45	0.000	0.390	0.390	0.506	07/25/2018	13:09
13	CCB2		1	100	100		1.88	0.000	0.000	0.000	0.000	07/25/2018	13:09

LB96864

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hex072418-2

WorkList ID : 114835

Date : 7/24/2018 5:11:33 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
07/25/2018	Water	J4153-03	Hexavalent Chromium	Cool 4 deg C	SHAW22	M33	OUTFALL001-180724	07/24/2018	7196A

Date/Time 07/25/18 12:50
Received by: IS
Relinquished by: CS

Date/Time 07/25/18 13:30
Received by: CS
Relinquished by: IS