

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB100344

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP70955
Calibration Std. hexchrome 0.05 ppm	WP70954
5N sulfuric acid	WP70044
Hexavalent Chromium LCS Std	WP70958
Calibratation STD HexaChrome 1 PPM	WP70827
Calibratation STD Hexa Chrome 0.5 PPM	WP70814
calibration std. hexchrome 0.01 ppm	WP70952
calibration std. hexchrome 0 ppm	WP70948
Hexavalent Chromium ICV Std.	WP70956
Hexavalent Chromium CCV Std	WP70957
hexavalent chromium color reagent	WP70932
Calibration std Hexachrome, 0.025ppm	WP70953

Intercept: 0.0003

Slope: 0.7713

Regression: 0.999979

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		1.77	0.000	0.000	0.000	01/16/2019	11:00
2	CAL2	0.01	1	100	100		2.39	0.000	0.008	0.008	01/16/2019	11:00
3	CAL3	0.025	1	100	100		2.10	0.000	0.017	0.017	01/16/2019	11:01
4	CAL4	0.05	1	100	100		1.60	0.000	0.039	0.039	01/16/2019	11:01
5	CAL5	0.1	1	100	100		1.83	0.000	0.079	0.079	01/16/2019	11:02
6	CAL6	0.5	1	100	100		2.15	0.000	0.389	0.389	01/16/2019	11:02
7	CAL7	1	1	100	100		2.28	0.000	0.770	0.770	01/16/2019	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		2.10	0.000	0.392	0.392	0.508	01/16/2019	11:03
2	ICB		1	100	100		1.96	0.000	0.000	0.000	0.000	01/16/2019	11:04
3	CCV1	0.5	1	100	100		1.63	0.000	0.392	0.392	0.508	01/16/2019	11:04
4	CCB1		1	100	100		1.81	0.000	0.000	0.000	0.000	01/16/2019	11:05
5	LB100344BL		1	100	100		2.25	0.000	0.000	0.000	0.000	01/16/2019	11:05
6	LB100344BS	0.5	1	100	100		2.30	0.000	0.385	0.385	0.499	01/16/2019	11:06
7	K1151-03		1	100	100		1.96	0.001	0.001	0.000	0.000	01/16/2019	11:06
8	K1151-03DUP		1	100	100		1.57	0.001	0.001	0.000	0.000	01/16/2019	11:07
9	K1151-03MS	1	2	100	100		2.13	0.000	0.380	0.380	0.492	01/16/2019	11:07
10	K1151-03MSD	1	2	100	100		2.05	0.000	0.381	0.381	0.494	01/16/2019	11:08
11	CCV2	0.5	1	100	100		2.18	0.000	0.392	0.392	0.508	01/16/2019	11:08
12	CCB2		1	100	100		2.25	0.000	0.000	0.000	0.000	01/16/2019	11:09

LB100344

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hexw011619

WorkList ID : 121359

Date : 1/16/2019 10:36:13 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/15/2019	Water	K1151-03	Hexavalent Chromium	Cool 4 deg C	SHAW22	K41	OUTFALL001-190115	01/15/2019	7196A

Date/Time 01/16/19 10:39
Received by: IB
Relinquished by: [Signature]

Date/Time 01/16/19 12:00
Received by: [Signature]
Relinquished by: IB