



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB88806

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP56519
Calibration Std. hexchrome 0.05 ppm	WP56517
Hexavalent Chromium LCS Std	WP56523
Calibratation STD HexaChrome 1 PPM	WP56521
Calibratation STD Hexa Chrome 0.5 PPM	WP56520
calibration std. hexchrome 0.01 ppm	WP56516
calibration std. hexchrome 0 ppm	WP56515
Hexavalent Chromium ICV Std.	WP56522
Hexavalent Chromium CCV Std	WP56524
hexavalent chromium color reagent	WP56385
HNO3 Hex-Chrome, 5M	WP56413
Calibration std Hexachrome, 0.025ppm	WP56518

Intercept: 0.0006

Slope: 0.7796

Regression: 0.999943

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		2.20	0.000	0.000	0.000	07/19/2017	14:10
2	CAL2	0.01	1	100	100		1.86	0.000	0.008	0.008	07/19/2017	14:10
3	CAL3	0.025	1	100	100		2.15	0.000	0.018	0.018	07/19/2017	14:11
4	CAL4	0.05	1	100	100		2.05	0.000	0.039	0.039	07/19/2017	14:11
5	CAL5	0.1	1	100	100		1.71	0.000	0.079	0.079	07/19/2017	14:12
6	CAL6	0.5	1	100	100		1.50	0.000	0.397	0.397	07/19/2017	14:12
7	CAL7	1	1	100	100		2.44	0.000	0.777	0.777	07/19/2017	14:13



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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		2.16	0.000	0.393	0.393	0.503	07/19/2017	14:13
2	ICB		1	100	100		1.70	0.000	0.000	0.000	-0.001	07/19/2017	14:14
3	CCV1	0.5	1	100	100		2.41	0.000	0.394	0.394	0.505	07/19/2017	14:14
4	CCB1		1	100	100		2.39	0.000	0.000	0.000	-0.001	07/19/2017	14:15
5	LB88806BL		1	100	100		1.56	0.000	0.000	0.000	-0.001	07/19/2017	11:08
6	LB88806BS	0.5	1	100	100		1.88	0.000	0.385	0.385	0.493	07/19/2017	14:16
7	I4300-03		1	100	100		2.01	0.003	0.003	0.000	-0.001	07/19/2017	14:16
8	I4300-03DUP		1	100	100		1.93	0.002	0.002	0.000	-0.001	07/19/2017	14:17
9	I4300-03MS	1	2	100	100		2.10	0.004	0.381	0.377	0.483	07/19/2017	14:17
10	I4300-03MSD	1	2	100	100		2.30	0.003	0.380	0.377	0.483	07/19/2017	14:18
11	CCV2	0.5	1	100	100		1.69	0.000	0.394	0.394	0.505	07/20/2017	14:18
12	CCB2		1	100	100		2.25	0.000	0.000	0.000	-0.001	07/19/2017	14:19

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WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hex071917-2

WorkList ID : 100838

Date : 7/19/2017 1:07:32 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Water	I4300-03	Hexavalent Chromium	Cool 4 deg C	SHAW22	G31	OUTFALL001-170718	07/18/2017	7196A

Date/Time

07/19/17 13:20

Received by:

TB

Relinquished by:

CD

Date/Time

07/19/17 14:32

Received by:

CD

Relinquished by:

TB