

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB92593

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP60934
Calibration Std. hexchrome 0.05 ppm	WP60933
Hexavalent Chromium LCS Std	WP60939
Calibratation STD HexaChrome 1 PPM	WP60936
Calibratation STD Hexa Chrome 0.5 PPM	WP60935
calibration std. hexchrome 0.01 ppm	WP60930
calibration std. hexchrome 0 ppm	WP60929
Hexavalent Chromium ICV Std.	WP60937
Hexavalent Chromium CCV Std	WP60938
hexavalent chromium color reagent	WP60832
0.2N SULFURIC ACID	WP58235
Calibration std Hexachrome, 0.025ppm	WP60931

Intercept: 0.0006

Slope: 0.7665

Regression: 0.99997

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		2.05	0.000	0.000	0.000	01/12/2018	09:05
2	CAL2	0.01	1	100	100		2.40	0.000	0.007	0.007	01/12/2018	09:05
3	CAL3	0.025	1	100	100		1.78	0.000	0.018	0.018	01/12/2018	09:06
4	CAL4	0.05	1	100	100		1.59	0.000	0.039	0.039	01/12/2018	09:06
5	CAL5	0.1	1	100	100		2.13	0.000	0.079	0.079	01/12/2018	09:07
6	CAL6	0.5	1	100	100		2.27	0.000	0.388	0.388	01/12/2018	09:07
7	CAL7	1	1	100	100		1.96	0.000	0.765	0.765	01/12/2018	09:08



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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		2.33	0.000	0.389	0.389	0.507	01/12/2018	09:08
2	ICB		1	100	100		2.07	0.000	0.000	0.000	-0.001	01/12/2018	09:09
3	CCV1	0.5	1	100	100		1.64	0.000	0.390	0.390	0.508	01/12/2018	09:09
4	CCB1		1	100	100		1.75	0.000	0.000	0.000	-0.001	01/12/2018	09:10
5	LB92593BL		1	100	100		2.21	0.000	0.000	0.000	-0.001	01/12/2018	09:10
6	LB92593BS	0.5	1	100	100		2.32	0.000	0.365	0.365	0.475	01/12/2018	09:11
7	J1112-03		1	100	100		1.83	0.000	0.000	0.000	-0.001	01/12/2018	09:11
8	J1112-03DUP		1	100	100		2.09	0.000	0.000	0.000	-0.001	01/12/2018	09:12
9	J1112-03MS	1	2	100	100		1.90	0.000	0.349	0.349	0.455	01/12/2018	09:12
10	J1112-03MSD	1	2	100	100		2.37	0.000	0.348	0.348	0.453	01/12/2018	09:13
11	J1112-04		1	100	100		1.77	0.000	0.000	0.000	-0.001	01/12/2018	09:13
12	J1112-05		1	100	100		1.93	0.000	0.000	0.000	-0.001	01/12/2018	09:14
13	J1112-08		1	100	100		2.40	0.000	0.000	0.000	-0.001	01/12/2018	09:14
14	CCV2	0.5	1	100	100		1.66	0.000	0.390	0.390	0.508	01/12/2018	09:15
15	CCB2		1	100	100		2.38	0.000	0.000	0.000	-0.001	01/12/2018	09:15

2892593

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hex011218

WorkList ID : 107356

Date : 1/12/2018 8:55:21 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/11/2018	Water	J1112-03	Hexavalent Chromium	Cool 4 deg C	THEP04	K63	ENV-106-1(MW)	01/10/2018	SM3500-Cr B
01/12/2018	Water	J1112-04	Hexavalent Chromium	Cool 4 deg C	THEP04	K63	ENV-116-6(MW)	01/11/2018	SM3500-Cr B
01/12/2018	Water	J1112-05	Hexavalent Chromium	Cool 4 deg C	THEP04	K63	ENV-125-11(MW)	01/11/2018	SM3500-Cr B
01/11/2018	Water	J1112-08	Hexavalent Chromium	Cool 4 deg C	THEP04	K63	ENV-106-1(MW)-DUP	01/10/2018	SM3500-Cr B

Date/Time 01/12/18 8:59

Received by: IB

Relinquished by: IB

Date/Time 01/12/18 10:00

Received by: IB

Relinquished by: IB