

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB93003

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP61461
Calibration Std. hexchrome 0.05 ppm	WP61460
Hexavalent Chromium LCS Std	WP61481
Calibratation STD HexaChrome 1 PPM	WP61478
Calibratation STD Hexa Chrome 0.5 PPM	WP61477
calibration std. hexchrome 0.01 ppm	WP61459
calibration std. hexchrome 0 ppm	WP61457
Hexavalent Chromium ICV Std.	WP61479
Hexavalent Chromium CCV Std	WP61480
hexavalent chromium color reagent	WP61240
0.2N SULFURIC ACID	WP58235
Calibration std Hexachrome, 0.025ppm	WP61458

Intercept: 0.0001

Slope: 0.7445

Regression: 0.999988

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		2.46	0.000	0.000	0.000	01/30/2018	09:15
2	CAL2	0.01	1	100	100		2.18	0.000	0.007	0.007	01/30/2018	09:15
3	CAL3	0.025	1	100	100		1.56	0.000	0.017	0.017	01/30/2018	09:16
4	CAL4	0.05	1	100	100		2.05	0.000	0.038	0.038	01/30/2018	09:16
5	CAL5	0.1	1	100	100		1.79	0.000	0.077	0.077	01/30/2018	19:17
6	CAL6	0.5	1	100	100		1.93	0.000	0.371	0.371	01/30/2018	09:17
7	CAL7	1	1	100	100		2.41	0.000	0.745	0.745	01/30/2018	09:18



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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		1.63	0.000	0.380	0.380	0.510	01/30/2018	09:18
2	ICB		1	100	100		1.94	0.000	0.000	0.000	0.000	01/30/2018	19:19
3	CCV1	0.5	1	100	100		2.10	0.000	0.381	0.381	0.512	01/30/2018	09:19
4	CCB1		1	100	100		1.57	0.000	0.000	0.000	0.000	01/30/2018	09:20
5	LB93003BL		1	100	100		2.30	0.000	0.000	0.000	0.000	01/30/2018	09:20
6	LB93003BS	0.5	1	100	100		1.81	0.000	0.385	0.385	0.517	01/30/2018	09:21
7	J1364-14		1	100	100		2.16	0.001	0.001	0.000	0.000	01/30/2018	09:21
8	J1364-15		1	100	100		2.21	0.000	0.000	0.000	0.000	01/30/2018	09:22
9	J1364-16		1	100	100		1.87	0.000	0.000	0.000	0.000	01/30/2018	09:22
10	J1364-16DUP		1	100	100		1.95	0.000	0.000	0.000	0.000	01/30/2018	09:23
11	J1364-16MS	1	2	100	100		2.06	0.000	0.382	0.382	0.513	01/30/2018	09:23
12	J1364-16MSD	1	2	100	100		2.33	0.000	0.382	0.382	0.513	01/30/2018	09:24
13	J1364-17		1	100	100		1.71	0.003	0.003	0.000	0.000	01/30/2018	09:24
14	CCV2	0.5	1	100	100		1.82	0.000	0.381	0.381	0.512	01/30/2018	09:25
15	CCB2		1	100	100		2.13	0.000	0.000	0.000	0.000	01/30/2018	09:25

2B 93003

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hex013018 WorkList ID : 108079 Date : 1/30/2018 9:04:14 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/30/2018	Water	J1364-14 - G	Hexavalent Chromium	Cool 4 deg C	LIRO01	M52	MW-03	01/29/2018	SM3500-Cr B
01/30/2018	Water	J1364-15	Hexavalent Chromium	Cool 4 deg C	LIRO01	M52	MW-04	01/29/2018	SM3500-Cr B
01/30/2018	Water	J1364-16	Hexavalent Chromium	Cool 4 deg C	LIRO01	M52	MW-05	01/29/2018	SM3500-Cr B
01/30/2018	Water	J1364-17	Hexavalent Chromium	Cool 4 deg C	LIRO01	M52	MW-07	01/29/2018	SM3500-Cr B

Date/Time 01/30/18 9:04
 Received by: IB
 Relinquished by: SP

Date/Time 01/30/18 10:00
 Received by: SP
 Relinquished by: IB