

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB87482

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP54960
Calibration Std. hexchrome 0.05 ppm	WP54959
Hexavalent Chromium LCS Std	WP54971
Calibratation STD HexaChrome 1 PPM	WP54965
Calibratation STD Hexa Chrome 0.5 PPM	WP54964
calibration std. hexchrome 0.01 ppm	WP54957
calibration std. hexchrome 0 ppm	WP54956
Hexavalent Chromium ICV Std.	WP54967
Hexavalent Chromium CCV Std	WP54969
hexavalent chromium color reagent	WP54955
0.2N SULFURIC ACID	WP53824
Calibration std Hexachrome, 0.025ppm	WP54958

Intercept: 0.0001

Slope: 0.7653

Regression: 0.999976

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		2.13	0.000	0.000	0.000	05/16/2017	09:50
2	CAL2	0.01	1	100	100		1.79	0.000	0.007	0.007	05/16/2017	09:50
3	CAL3	0.025	1	100	100		1.62	0.000	0.016	0.016	05/16/2017	09:51
4	CAL4	0.05	1	100	100		2.30	0.000	0.039	0.039	05/16/2017	09:51
5	CAL5	0.1	1	100	100		2.22	0.000	0.079	0.079	05/16/2017	09:52
6	CAL6	0.5	1	100	100		1.95	0.000	0.385	0.385	05/16/2017	09:52
7	CAL7	1	1	100	100		2.34	0.000	0.764	0.764	05/16/2017	09:53



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB87482

pH Meter ID: WC pH Meter-1

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		2.11	0.000	0.393	0.393	0.513	05/16/2017	09:53
2	ICB		1	100	100		2.05	0.000	0.000	0.000	0.000	05/16/2017	09:54
3	CCV1	0.5	1	100	100		1.66	0.000	0.395	0.395	0.516	05/16/2017	09:54
4	CCB1		1	100	100		1.53	0.000	0.000	0.000	0.000	05/16/2017	09:55
5	LB87482BL		1	100	100		2.28	0.000	0.000	0.000	0.000	05/16/2017	09:55
6	LB87482BS	0.5	1	100	100		2.47	0.008	0.406	0.398	0.520	05/16/2017	09:56
7	I3171-01		1	100	100		2.20	0.020	0.020	0.000	0.000	05/16/2017	09:56
8	I3171-01DUP		1	100	100		1.73	0.018	0.018	0.000	0.000	05/16/2017	09:57
9	I3171-01MS	1	2	100	100		2.07	0.019	0.378	0.359	0.469	05/16/2017	09:57
10	I3171-01MSD	1	2	100	100		1.90	0.018	0.376	0.358	0.468	05/16/2017	09:58
11	I3171-02		1	100	100		1.76	0.080	0.080	0.000	0.000	05/16/2017	09:58
12	CCV2	0.5	1	100	100		2.31	0.000	0.395	0.395	0.516	05/16/2017	09:59
13	CCB2		1	100	100		2.23	0.000	0.000	0.000	0.000	05/16/2017	09:59

2B87482

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hex051617

WorkList ID : 98503

Date : 5/16/2017 9:30:14 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
	Water	I3171-01	Hexavalent Chromium	Cool 4 deg C	TULL02	H32	WS-4	05/15/2017	SM3500-Cr B
	Water	I3171-02	Hexavalent Chromium	Cool 4 deg C	TULL02	H32	WS-5	05/15/2017	SM3500-Cr B

Date/Time 05/16/17 9:33
Received by: IB
Relinquished by: CQ

Date/Time 05/16/17 11:00
Received by: CQ
Relinquished by: IB