

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Aparna

Run Number: LB98166

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP68114
Calibration Std. hexchrome 0.05 ppm	WP68113
Hexavalent Chromium LCS Std	WP68119
Calibratation STD HexaChrome 1 PPM	WP68116
Calibratation STD Hexa Chrome 0.5 PPM	WP68115
calibration std. hexchrome 0.01 ppm	WP68111
calibration std. hexchrome 0 ppm	WP68110
Hexavalent Chromium ICV Std.	WP68118
Hexavalent Chromium CCV Std	WP68117
hexavalent chromium color reagent	WP68026
0.2N SULFURIC ACID	WP68120
Calibration std Hexachrome, 0.025ppm	WP68112

Intercept: -0.0001

Slope: 0.7516

Regression: 0.999934

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		1.74	0.000	0.000	0.000	09/26/2018	10:00
2	CAL2	0.01	1	100	100		2.03	0.000	0.007	0.007	09/26/2018	10:00
3	CAL3	0.025	1	100	100		1.86	0.000	0.018	0.018	09/26/2018	10:01
4	CAL4	0.05	1	100	100		2.15	0.000	0.037	0.037	09/26/2018	10:01
5	CAL5	0.1	1	100	100		2.44	0.000	0.080	0.080	09/26/2018	10:02
6	CAL6	0.5	1	100	100		1.90	0.000	0.370	0.370	09/26/2018	10:02
7	CAL7	1	1	100	100		1.78	0.000	0.754	0.754	09/26/2018	10:03



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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		1.80	0.000	0.379	0.379	0.504	09/26/2018	10:03
2	ICB		1	100	100		2.25	0.000	0.000	0.000	-0.002	09/26/2018	10:04
3	CCV1	0.5	1	100	100		2.36	0.000	0.379	0.379	0.504	09/26/2018	10:04
4	CCB1		1	100	100		1.87	0.000	0.000	0.000	-0.002	09/26/2018	10:05
5	LB98166BL		1	100	100		1.99	0.000	0.000	0.000	0.000	09/26/2018	10:05
6	LB98166BS	0.5	1	100	100		1.63	0.000	0.377	0.377	0.488	09/26/2018	10:05
7	J5090-01		1	100	100		2.10	0.007	0.007	0.000	0.000	09/26/2018	10:06
8	J5090-02		1	100	100		2.25	0.005	0.005	0.000	0.000	09/26/2018	10:06
9	J5090-02DUP		1	100	100		2.39	0.004	0.004	0.000	0.000	09/26/2018	10:07
10	J5090-02MS	1	2	100	100		1.98	0.006	0.366	0.360	0.466	09/26/2018	10:07
11	J5090-02MSD	1	2	100	100		1.66	0.006	0.365	0.359	0.465	09/26/2018	10:08
12	J5090-03		1	100	100		2.01	0.009	0.009	0.000	0.000	09/26/2018	10:08
13	CCV2	0.5	1	100	100		2.22	0.000	0.380	0.380	0.506	09/26/2018	10:09
14	CCB2		1	100	100		1.78	0.000	0.000	0.000	0.000	09/26/2018	10:09

2398166

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hex092618 WorkList ID : 117197 Date : 9/26/2018 9:30:04 AM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
09/26/2018	Water	J5090-01	Hexavalent Chromium	Cool 4 deg C	TULL02	M63	MW-1	09/25/2018	SM3500-Cr B
09/26/2018	Water	J5090-02	Hexavalent Chromium	Cool 4 deg C	TULL02	M63	MW-2	09/25/2018	SM3500-Cr B
09/26/2018	Water	J5090-03	Hexavalent Chromium	Cool 4 deg C	TULL02	M63	MW-4	09/25/2018	SM3500-Cr B

Date/Time 09/26/18 9:35
Received by: IB
Relinquished by: IB

Date/Time 09/26/18 10:08
Received by: IB
Relinquished by: IB