

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB100967

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP71910
Calibration Std. hexchrome 0.05 ppm	WP71909
Calibratation STD HexaChrome 1 PPM	WP71912
Calibratation STD Hexa Chrome 0.5 PPM	WP71911
calibration std. hexchrome 0.01 ppm	WP71907
calibration std. hexchrome 0 ppm	WP71906
Hexavalent Chromium ICV Std.	WP71913
Hexavalent Chromium CCV Std	WP71914
HEX LOD STD, 0.005PPM	WP71917
HEX LOQ STD, 0.02PPM	WP71918
0.2N SULFURIC ACID	WP68120
Calibration std Hexachrome, 0.025ppm	WP71908

Intercept: -0.0004

Slope: 0.762

Regression: 0.999942

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		1.63	0.000	0.000	0.000	02/22/2019	12:00
2	CAL2	0.01	1	100	100		2.04	0.000	0.007	0.007	02/22/2019	12:00
3	CAL3	0.025	1	100	100		2.25	0.000	0.017	0.017	02/22/2019	12:01
4	CAL4	0.05	1	100	100		1.77	0.000	0.038	0.038	02/22/2019	12:01
5	CAL5	0.1	1	100	100		1.99	0.000	0.080	0.080	02/22/2019	12:02
6	CAL6	0.5	1	100	100		1.74	0.000	0.375	0.375	02/22/2019	12:02
7	CAL7	1	1	100	100		2.03	0.000	0.764	0.764	02/22/2019	12:03



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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		1.88	0.000	0.376	0.376	0.494	02/22/2019	12:03
2	ICB		1	100	100		1.53	0.000	0.000	0.000	0.001	02/22/2019	12:04
3	CCV1	0.5	1	100	100		2.07	0.000	0.376	0.376	0.494	02/22/2019	12:04
4	CCB1		1	100	100		2.44	0.000	0.000	0.000	0.001	02/22/2019	12:05
5	LB100967BL		1	100	100		2.31	0.000	0.000	0.000	0.001	02/22/2019	12:05
6	LB100967BS	0.5	1	100	100		1.63	0.000	0.373	0.373	0.490	02/22/2019	12:06
7	K1560-10		1	100	100		1.72	0.000	0.005	0.005	0.007	02/22/2019	12:06
8	K1560-11		1	100	100		2.17	0.000	0.013	0.013	0.018	02/22/2019	12:07
9	K1570-01		1	100	100		2.21	0.010	0.010	0.000	0.001	02/22/2019	12:07
10	K1570-01DUP		1	100	100		1.90	0.011	0.011	0.000	0.001	02/22/2019	12:08
11	K1570-01MS	1	2	100	100		1.83	0.013	0.371	0.358	0.470	02/22/2019	12:08
12	K1570-01MSD	1	2	100	100		1.59	0.013	0.372	0.359	0.472	02/22/2019	12:09
13	K1570-02		1	100	100		2.23	0.009	0.009	0.000	0.001	02/22/2019	12:09
14	K1570-03		1	100	100		2.05	0.014	0.014	0.000	0.001	02/22/2019	12:10
15	CCV2	0.5	1	100	100		2.15	0.000	0.376	0.376	0.494	02/22/2019	12:10
16	CCB2		1	100	100		2.46	0.000	0.000	0.000	0.001	02/22/2019	12:11
17	K1570-04		1	100	100		1.92	0.011	0.011	0.000	0.001	02/22/2019	12:11
18	K1570-05		1	100	100		1.82	0.016	0.016	0.000	0.001	02/22/2019	12:12
19	CCV3	0.5	1	100	100		1.74	0.000	0.376	0.376	0.494	02/22/2019	12:12
20	CCB3		1	100	100		2.05	0.000	0.000	0.000	0.001	02/22/2019	12:13

WORKLIST(Hardcopy Internal Chain)

LB100947

WorkList Name : Hexw022219

WorkList ID : 122606

Date : 02-22-2019 10:39:44

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
02/22/2019	Water	K1560-10	Hexavalent Chromium	Cool 4 deg C	CHEM02	Wet Chem L	LOD-MDL-WATER-04-QT1-20	02/21/2019	SM3500-Cr B
02/22/2019	Water	K1560-11	Hexavalent Chromium	Cool 4 deg C	CHEM02	Wet Chem L	LOQ-WATER-05-QT1-2019	02/21/2019	SM3500-Cr B
02/22/2019	Water	K1570-01	Hexavalent Chromium	Cool 4 deg C	TULL02	M31	50-50	02/21/2019	SM3500-Cr B
02/22/2019	Water	K1570-02	Hexavalent Chromium	Cool 4 deg C	TULL02	M31	50-25	02/21/2019	SM3500-Cr B
02/22/2019	Water	K1570-03	Hexavalent Chromium	Cool 4 deg C	TULL02	M31	25-25	02/21/2019	SM3500-Cr B
02/22/2019	Water	K1570-04	Hexavalent Chromium	Cool 4 deg C	TULL02	M31	25-10	02/21/2019	SM3500-Cr B
02/22/2019	Water	K1570-05	Hexavalent Chromium	Cool 4 deg C	TULL02	M31	10-10	02/21/2019	SM3500-Cr B

Date/Time 02/22/19 11:00

Received by: IB

Relinquished by: IB

Date/Time

Received by:

Relinquished by: