



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Indiana

Parameter: Hexavalent Chromiu

SUPERVISOR REVIEW BY: apatel

Run Number: LB102358

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP74101
Calibration Std. hexchrome 0.05 ppm	WP74100
Hexavalent Chromium LCS Std	WP74104
Calibratation STD HexaChrome 1 PPM	WP74095
Calibratation STD Hexa Chrome 0.5 PPM	WP74096
calibration std. hexchrome 0.01 ppm	WP74099
calibration std. hexchrome 0 ppm	WP74098
Hexavalent Chromium ICV Std.	WP74103
Hexavalent Chromium CCV Std	WP74102
HEX LOD STD, 0.005PPM	WP74134
HEX LOQ STD, 0.02PPM	WP74135
Calibration std Hexachrome, 0.025ppm	WP74097

Intercept: -0.0002

Slope: 0.7609

Regression: 0.999945

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		2.30	0.000	0.000	0.000	04/25/2019	09:10
2	CAL2	0.01	1	100	100		1.88	0.000	0.007	0.007	04/25/2019	09:10
3	CAL3	0.025	1	100	100		1.76	0.000	0.017	0.017	04/25/2019	09:11
4	CAL4	0.05	1	100	100		2.30	0.000	0.039	0.039	04/25/2019	09:11
5	CAL5	0.1	1	100	100		1.71	0.000	0.080	0.080	04/25/2019	09:12
6	CAL6	0.5	1	100	100		2.05	0.000	0.375	0.375	04/25/2019	09:12
7	CAL7	1	1	100	100		2.11	0.000	0.763	0.763	04/25/2019	09:13



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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		1.59	0.000	0.377	0.377	0.496	04/25/2019	09:13
2	ICB		1	100	100		2.10	0.000	0.000	0.000	0.000	04/25/2019	09:14
3	CCV1	0.5	1	100	100		1.82	0.000	0.377	0.377	0.496	04/25/2019	09:14
4	CCB1		1	100	100		2.11	0.000	0.000	0.000	0.000	04/25/2019	09:15
5	LB102358BL		1	100	100		1.90	0.000	0.000	0.000	0.000	04/25/2019	09:15
6	LB102358BS	0.5	1	100	100		2.09	0.000	0.372	0.372	0.489	04/25/2019	09:16
7	K2241-10		1	100	100		2.33	0.000	0.005	0.005	0.007	04/25/2019	09:16
8	K2241-11		1	100	100		1.91	0.000	0.014	0.014	0.019	04/25/2019	09:17
9	K2550-01		1	100	100		2.32	0.006	0.006	0.000	0.000	04/25/2019	09:17
10	K2550-01DUP		1	100	100		1.89	0.007	0.007	0.000	0.000	04/25/2019	09:18
11	K2550-01MS	1	2	100	100		1.75	0.000	0.369	0.369	0.485	04/25/2019	09:18
12	K2550-01MSD	1	2	100	100		1.90	0.000	0.370	0.370	0.487	04/25/2019	09:19
13	CCV2	0.5	1	100	100		2.09	0.000	0.377	0.377	0.496	04/25/2019	09:19
14	CCB2		1	100	100		2.41	0.000	0.000	0.000	0.000	04/25/2019	09:20

LB 102358

WORKLIST(Hardcopy Internal Chain)

WorkList Name : HEXW042519 WorkList ID : 125307 Date : 04-25-2019 09:00:13

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
04/04/2019	Water	K2241-10	Hexavalent Chromium	Cool 4 deg C	CHEM02	Wet Chem L	LOD-MDL-WATER-04-QT2-20	04/03/2019	SM3500-Cr B
04/04/2019	Water	K2241-11	Hexavalent Chromium	Cool 4 deg C	CHEM02	Wet Chem L	LOQ-WATER-05-QT2-2019	04/03/2019	SM3500-Cr B
04/25/2019	Water	K2550-01	Hexavalent Chromium	Cool 4 deg C	DIST01	K11	55-ST-10	04/24/2019	SM3500-Cr B

Date/Time 04/25/19 09:03
 Received by: IS
 Relinquished by: AD

Date/Time 04/24/19 10:00
 Received by: AD
 Relinquished by: IS