

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB101537

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP72751
Calibratation STD Hexa Chrome 0.5 PPM	WP72747
Calibration Std. hexchrome 0.1 ppm	WP72741
Calibration Std. hexchrome 0.05 ppm	WP72740
calibration std. hexchrome 0.01 ppm	WP72738
calibration std. hexchrome 0 ppm	WP72726
Hexavalent Chromium ICV Std.	WP72753
Hexavalent Chromium CCV Std	WP72755
Hexavalent Chromium LCS Std	WP72757
hexavalent chromium color reagent	WP72761
5N sulfuric acid	WP70044
Calibration std Hexachrome, 0.025ppm	WP72739

Intercept: -0.0003

Slope: 0.7595

Regression: 0.999886

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		2.40	0.000	0.000	0.000	03/21/2019	08:20
2	CAL2	0.01	1	100	100		1.90	0.000	0.007	0.007	03/21/2019	08:20
3	CAL3	0.025	1	100	100		1.52	0.000	0.017	0.017	03/21/2019	08:21
4	CAL4	0.05	1	100	100		1.78	0.000	0.040	0.040	03/21/2019	08:21
5	CAL5	0.1	1	100	100		2.10	0.000	0.080	0.080	03/21/2019	08:22
6	CAL6	0.5	1	100	100		2.34	0.000	0.371	0.371	03/21/2019	08:22
7	CAL7	1	1	100	100		1.77	0.000	0.763	0.763	03/21/2019	08:23



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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		2.33	0.000	0.372	0.372	0.490	03/21/2019	08:23
2	ICB		1	100	100		1.97	0.000	0.000	0.000	0.000	03/21/2019	08:24
3	CCV1	0.5	1	100	100		1.85	0.000	0.372	0.372	0.490	03/21/2019	08:24
4	CCB1		1	100	100		2.03	0.000	0.000	0.000	0.000	03/21/2019	08:25
5	LB101537BL		1	100	100		1.54	0.000	0.000	0.000	0.000	03/21/2019	08:25
6	LB101537BS	0.5	1	100	100		2.13	0.000	0.359	0.359	0.473	03/21/2019	08:26
7	K2038-01		1	100	100		2.28	0.004	0.004	0.000	0.000	03/21/2019	08:26
8	K2038-01DUP		1	100	100		2.36	0.005	0.005	0.000	0.000	03/21/2019	08:27
9	K2038-01MS	1	2	100	100		1.90	0.006	0.357	0.351	0.463	03/21/2019	08:27
10	K2038-01MSD	1	2	100	100		1.64	0.005	0.358	0.353	0.465	03/21/2019	08:28
11	CCV2	0.5	1	100	100		1.53	0.000	0.372	0.372	0.490	03/21/2019	08:28
12	CCB2		1	100	100		1.89	0.000	0.000	0.000	0.000	03/21/2019	08:29

LB 101537

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hexw032119

WorkList ID : 123821

Date : 03-21-2019 08:03:03

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
03/21/2019	Water	K2038-01	Hexavalent Chromium	Cool 4 deg C	DIST01		37-ST-2019	03/20/2019	SM3500-Cr B

Date/Time 03/21/19 8:08
Received by: IB
Relinquished by: JP

Date/Time 03/21/19 9:40
Received by: JP
Relinquished by: IB