

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB100142

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP70655
Calibration Std. hexchrome 0.05 ppm	WP70654
Hexavalent Chromium LCS Std	WP70660
Calibratation STD HexaChrome 1 PPM	WP70657
Calibratation STD Hexa Chrome 0.5 PPM	WP70656
calibration std. hexchrome 0.01 ppm	WP70652
calibration std. hexchrome 0 ppm	WP70649
Hexavalent Chromium ICV Std.	WP70658
Hexavalent Chromium CCV Std	WP70659
hexavalent chromium color reagent	WP70661
0.2N SULFURIC ACID	WP68120
Calibration std Hexachrome, 0.025ppm	WP70653

Intercept: -0.0001

Slope: 0.7579

Regression: 0.999994

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		1.62	0.000	0.000	0.000	01/03/2019	09:00
2	CAL2	0.01	1	100	100		2.14	0.000	0.008	0.008	01/03/2019	09:00
3	CAL3	0.025	1	100	100		1.98	0.000	0.017	0.017	01/03/2019	09:01
4	CAL4	0.05	1	100	100		2.20	0.000	0.038	0.038	01/03/2019	09:01
5	CAL5	0.1	1	100	100		2.47	0.000	0.077	0.077	01/03/2019	09:02
6	CAL6	0.5	1	100	100		1.96	0.000	0.378	0.378	01/03/2019	09:02
7	CAL7	1	1	100	100		1.84	0.000	0.758	0.758	01/03/2019	09:03



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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		1.64	0.000	0.379	0.379	0.500	01/03/2019	09:03
2	ICB		1	100	100		1.87	0.000	0.000	0.000	0.000	01/03/2019	09:04
3	CCV1	0.5	1	100	100		2.05	0.000	0.379	0.379	0.500	01/03/2019	09:04
4	CCB1		1	100	100		1.66	0.000	0.000	0.000	0.000	01/03/2019	09:05
5	LB100142BL		1	100	100		2.37	0.000	0.000	0.000	0.000	01/03/2019	09:05
6	LB100142BS	0.5	1	100	100		1.90	0.000	0.365	0.365	0.482	01/03/2019	09:06
7	K1018-01		1	100	100		1.54	0.004	0.004	0.000	0.000	01/03/2019	09:06
8	K1018-01DUP		1	100	100		2.17	0.003	0.003	0.000	0.000	01/03/2019	09:07
9	K1018-01MS	1	2	100	100		1.73	0.005	0.358	0.353	0.466	01/03/2019	09:07
10	K1018-01MSD	1	2	100	100		1.52	0.004	0.359	0.355	0.469	01/03/2019	09:08
11	K1018-02		1	100	100		2.16	0.008	0.008	0.000	0.000	01/03/2019	09:08
12	CCV2	0.5	1	100	100		2.45	0.000	0.380	0.380	0.502	01/03/2019	09:09
13	CCB2		1	100	100		1.60	0.000	0.000	0.000	0.000	01/03/2019	09:09

LB100142

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hex010219

WorkList ID : 120918

Date : 1/2/2019 2:03:22 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
01/03/2019	Water	K1018-01	Hexavalent Chromium	Cool 4 deg C	TULL02	D61	TEST-PIT-13	01/02/2019	SM3500-Cr B
01/03/2019	Water	K1018-02	Hexavalent Chromium	Cool 4 deg C	TULL02	D61	TEST-PIT-D11-12	01/02/2019	SM3500-Cr B

Date/Time 01/03/19 8:40
Received by: IS
Relinquished by: YP

Date/Time 01/03/19 10:00
Received by: YP
Relinquished by: IS