

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB91052

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP59019
Calibration Std. hexchrome 0.05 ppm	WP59018
Hexavalent Chromium LCS Std	WP59024
Calibratation STD HexaChrome 1 PPM	WP59021
Calibratation STD Hexa Chrome 0.5 PPM	WP59020
calibration std. hexchrome 0.01 ppm	WP59016
calibration std. hexchrome 0 ppm	WP59015
Hexavalent Chromium ICV Std.	WP59022
Hexavalent Chromium CCV Std	WP59023
hexavalent chromium color reagent	WP58994
0.2N SULFURIC ACID	WP58235
Calibration std Hexachrome, 0.025ppm	WP59017

Intercept: -0.0003

Slope: 0.7664

Regression: 0.99999

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		2.12	0.000	0.000	0.000	10/24/2017	16:20
2	CAL2	0.01	1	100	100		1.88	0.000	0.007	0.007	10/24/2017	16:20
3	CAL3	0.025	1	100	100		1.63	0.000	0.017	0.017	10/24/2017	16:21
4	CAL4	0.05	1	100	100		2.41	0.000	0.038	0.038	10/24/2017	16:21
5	CAL5	0.1	1	100	100		2.09	0.000	0.077	0.077	10/24/2017	16:22
6	CAL6	0.5	1	100	100		1.70	0.000	0.385	0.385	10/24/2017	16:22
7	CAL7	1	1	100	100		2.29	0.000	0.765	0.765	10/24/2017	16:23



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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		2.10	0.000	0.387	0.387	0.505	10/24/2017	16:23
2	ICB		1	100	100		1.69	0.000	0.000	0.000	0.000	10/24/2017	16:24
3	CCV1	0.5	1	100	100		2.44	0.000	0.389	0.389	0.508	10/24/2017	16:24
4	CCB1		1	100	100		1.72	0.000	0.000	0.000	0.000	10/24/2017	16:25
5	LB91052BL		1	100	100		2.21	0.000	0.000	0.000	0.000	10/24/2017	16:25
6	LB91052BS	0.5	1	100	100		1.90	0.000	0.366	0.366	0.478	10/24/2017	16:26
7	I6111-01		1	100	100		2.33	0.000	0.007	0.007	0.010	10/24/2017	16:26
8	I6111-03		1	100	100		2.45	0.000	0.007	0.007	0.010	10/24/2017	16:27
9	I6111-03DUP		1	100	100		2.27	0.000	0.008	0.008	0.011	10/24/2017	16:27
10	I6111-03MS	1	2	100	100		1.78	0.000	0.364	0.364	0.475	10/24/2017	16:28
11	I6111-03MSD	1	2	100	100		1.62	0.000	0.363	0.363	0.474	10/24/2017	16:28
12	CCV2	0.5	1	100	100		2.29	0.000	0.389	0.389	0.508	10/24/2017	16:29
13	CCB2		1	100	100		1.37	0.000	0.000	0.000	0.000	10/24/2017	16:29

2891052

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hex102417-2

WorkList ID : 104608

Date : 10/24/2017 2:59:09 PM

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
10/25/2017	Water	I6111-01	Hexavalent Chromium	Cool 4 deg C	PSEG01	D52	MARION26KV-3WATER	10/24/2017	SM3500-Cr B
10/25/2017	Water	I6111-03	Hexavalent Chromium	Cool 4 deg C	PSEG01	D52	MARION26KV-3WATER	10/24/2017	SM3500-Cr B

Date/Time 10/24/17 16:00

Received by: TB

Relinquished by: TB

Date/Time 10/24/17 16:49

Received by: TB

Relinquished by: TB