



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Indiana

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB102424

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP74213
Calibration Std. hexchrome 0.05 ppm	WP74212
Hexavalent Chromium LCS Std	WP74218
Calibratation STD HexaChrome 1 PPM	WP74215
Calibratation STD Hexa Chrome 0.5 PPM	WP74214
calibration std. hexchrome 0.01 ppm	WP74210
calibration std. hexchrome 0 ppm	WP74209
Hexavalent Chromium ICV Std.	WP74216
Hexavalent Chromium CCV Std	WP74217
HEX LOD STD, 0.005PPM	WP74219
0.2N SULFURIC ACID	WP73394
Calibration std Hexachrome, 0.025ppm	WP74211

Intercept: -0.0004

Slope: 0.7624

Regression: 0.999923

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		1.70	0.000	0.000	0.000	04/29/2019	14:10
2	CAL2	0.01	1	100	100		1.88	0.000	0.007	0.007	04/29/2019	14:10
3	CAL3	0.025	1	100	100		1.91	0.000	0.017	0.017	04/29/2019	14:11
4	CAL4	0.05	1	100	100		2.20	0.000	0.039	0.039	04/29/2019	14:11
5	CAL5	0.1	1	100	100		2.33	0.000	0.080	0.080	04/29/2019	14:12
6	CAL6	0.5	1	100	100		2.44	0.000	0.374	0.374	04/29/2019	14:12
7	CAL7	1	1	100	100		1.85	0.000	0.765	0.765	04/29/2019	14:13



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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		1.60	0.000	0.376	0.376	0.494	04/29/2019	14:13
2	ICB		1	100	100		2.02	0.000	0.000	0.000	0.001	04/29/2019	14:14
3	CCV1	0.5	1	100	100		2.47	0.000	0.377	0.377	0.495	04/29/2019	14:14
4	CCB1		1	100	100		1.47	0.000	0.000	0.000	0.001	04/29/2019	14:15
5	LB102424BL		1	100	100		2.03	0.000	0.000	0.000	0.001	04/29/2019	14:15
6	LB102424BS	0.5	1	100	100		2.44	0.000	0.370	0.370	0.486	04/29/2019	14:16
7	K2241-12		1	100	100		1.95	0.000	0.005	0.005	0.007	04/29/2019	14:16
8	CCV2	0.5	1	100	100		1.62	0.000	0.377	0.377	0.495	04/29/2019	14:17
9	CCB2		1	100	100		2.07	0.000	0.000	0.000	0.001	04/29/2019	14:17

23102424

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Hexw042919

WorkList ID : 125430

Date : 04-29-2019 13:45:00

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
04/04/2019	Water	K2241-12	Hexavalent Chromium	Cool 4 deg C	CHEM02	Wet Chem L	MDL-MDL-WATER-06-QT2-2C	04/03/2019	SM3500-Cr B

Date/Time _____
 Received by: _____
 Relinquished by: _____

Date/Time _____
 Received by: _____
 Relinquished by: _____