



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: chirag

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB104890

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP77709
Calibratation STD Hexa Chrome 0.5 PPM	WP77710
Calibration Std. hexchrome 0.1 ppm	WP77714
Calibration Std. hexchrome 0.05 ppm	WP77713
calibration std. hexchrome 0.01 ppm	WP77712
calibration std. hexchrome 0 ppm	WP77708
Hexavalent Chromium ICV Std.	WP77716
Hexavalent Chromium CCV Std	WP77715
Hexavalent Chromium LCS Std	WP77717
hexavalent chromium color reagent	WP77635
0.2N SULFURIC ACID	WP73394
Calibration std Hexachrome, 0.025ppm	WP77711

Intercept: -0.0001

Slope: 0.8006

Regression: 0.999997

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		2.10	0.000	0.000	0.000	08/30/2019	11:05
2	CAL2	0.01	1	100	100		1.56	0.000	0.008	0.008	08/30/2019	11:05
3	CAL3	0.025	1	100	100		1.65	0.000	0.021	0.021	08/30/2019	11:06
4	CAL4	0.05	1	100	100		2.01	0.000	0.039	0.039	08/30/2019	11:06
5	CAL5	0.1	1	100	100		1.60	0.000	0.080	0.080	08/30/2019	11:07
6	CAL6	0.5	1	100	100		1.65	0.000	0.399	0.399	08/30/2019	11:07
7	CAL7	1	1	100	100		2.01	0.000	0.801	0.801	08/30/2019	11:08



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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		1.65	0.000	0.399	0.399	0.499	08/30/2019	11:09
2	ICB		1	100	100		2.05	0.000	0.000	0.000	0.000	08/30/2019	11:10
3	CCV1	0.5	1	100	100		2.01	0.000	0.375	0.375	0.469	08/30/2019	11:10
4	CCB1		1	100	100		2.05	0.000	0.000	0.000	0.000	08/30/2019	11:11
5	lb104890BL		1	100	100		1.56	0.000	0.000	0.000	0.000	08/30/2019	11:12
6	lb104890BS	0.5	1	100	100		1.56	0.000	0.370	0.370	0.462	08/30/2019	11:13
7	K4555-23		1	100	100		1.60	0.005	0.005	0.000	0.000	08/30/2019	11:13
8	K4555-23DUP		1	100	100		1.56	0.005	0.005	0.000	0.000	08/30/2019	11:14
9	K4555-23MS	1	2	100	100		2.10	0.005	0.376	0.371	0.464	08/30/2019	11:15
10	K4555-23MSD	1	2	100	100		1.56	0.005	0.378	0.373	0.466	08/30/2019	11:16
11	CCV2	0.5	1	100	100		2.10	0.000	0.389	0.389	0.486	08/30/2019	11:16
12	CCB2		1	100	100		1.56	0.000	0.000	0.000	0.000	08/30/2019	11:16

LB104890

WORKLIST(Hardcopy Internal Chain)

WorkList Name : hex083019-w WorkList ID : 130444 Department : Wet-Chemistry Date : 08-30-2019 10:53:14

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
08/30/2019	Water	K4555-23	Hexavalent Chromium	Cool 4 deg C	AKRF02	I31	TW-10-DEP	08/29/2019	SM3500-Cr B

Date/Time 8/30/19 10:59
Received by: CT
Relinquished by: CT

Date/Time 8/30/19 11:20
Received by: CT
Relinquished by: CT