

Analytical Summary Report

Analysis Method: 7196A

ANALYST: chirag

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB105315

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP78309
Calibratation STD Hexa Chrome 0.5 PPM	WP78310
Calibration Std. hexchrome 0.1 ppm	WP78315
Calibration Std. hexchrome 0.05 ppm	WP78314
calibration std. hexchrome 0.01 ppm	WP78313
calibration std. hexchrome 0 ppm	WP78312
Hexavalent Chromium ICV Std.	WP78317
Hexavalent Chromium CCV Std	WP78316
Hexavalent Chromium LCS Std	WP78318
hexavalent chromium color reagent	WP78199
5N sulfuric acid	WP76600
Calibration std Hexachrome, 0.025ppm	WP78311

Intercept: 0.0003

Slope: 0.7994

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		2.10	0.000	0.000	0.000	09/25/2019	11:00
2	CAL2	0.01	1	100	100		1.65	0.000	0.008	0.008	09/25/2019	11:01
3	CAL3	0.025	1	100	100		1.56	0.000	0.019	0.019	09/25/2019	11:02
4	CAL4	0.05	1	100	100		2.05	0.000	0.041	0.041	09/25/2019	11:03
5	CAL5	0.1	1	100	100		1.60	0.000	0.082	0.082	09/25/2019	11:04
6	CAL6	0.5	1	100	100		2.10	0.000	0.399	0.399	09/25/2019	11:05
7	CAL7	1	1	100	100		1.56	0.000	0.800	0.800	09/25/2019	11:06



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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		1.56	0.000	0.380	0.380	0.475	09/25/2019	11:08
2	ICB		1	100	100		2.10	0.000	0.000	0.000	0.000	09/25/2019	11:08
3	CCV1	0.5	1	100	100		2.05	0.000	0.375	0.375	0.469	09/25/2019	11:09
4	CCB1		1	100	100		1.60	0.000	0.000	0.000	0.000	09/25/2019	11:10
5	lb105315BL		1	100	100		1.56	0.000	0.000	0.000	0.000	09/25/2019	11:11
6	lb105315BS	0.5	1	100	100		2.05	0.000	0.389	0.389	0.486	09/25/2019	11:11
7	K5024-01		1	100	100		2.01	0.003	0.003	0.000	0.000	09/25/2019	11:13
8	K5024-01DUP		1	100	100		2.10	0.003	0.003	0.000	0.000	09/25/2019	11:13
9	K5024-01MS	1	2	100	100		1.56	0.003	0.371	0.368	0.460	09/25/2019	11:14
10	K5024-01MSD	1	2	100	100		2.01	0.003	0.368	0.365	0.456	09/25/2019	11:14
11	K5024-02		1	100	100		2.10	0.002	0.002	0.000	0.000	09/25/2019	11:15
12	K5024-03		1	100	100		1.56	0.002	0.002	0.000	0.000	09/25/2019	11:16
13	CCV2	0.5	1	100	100		1.60	0.000	0.384	0.384	0.480	09/25/2019	11:17
14	CCB2		1	100	100		1.60	0.000	0.000	0.000	0.000	09/25/2019	11:18

LS105315

WORKLIST(Hardcopy Internal Chain)

WorkList Name : hex092519-w WorkList ID : 131303 Department : Wet-Chemistry Date : 09-25-2019 09:23:09

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
09/25/2019	Water	K5024-01	✓ Hexavalent Chromium	Cool 4 deg C	WEST10	--Select--	RB190924-02	09/24/2019	7196A
09/25/2019	Water	K5024-02	✓ Hexavalent Chromium	Cool 4 deg C	WEST10	--Select--	RB190924-03	09/24/2019	7196A
09/25/2019	Water	K5024-03	✓ Hexavalent Chromium	Cool 4 deg C	WEST10	--Select--	RB190924-01	09/24/2019	7196A

Date/Time 9/25/19 10:05
 Received by: CT
 Relinquished by: KT

Date/Time 9/25/19 11:30
 Received by: KT
 Relinquished by: CT