

Analytical Summary Report

Analysis Method: 7196A

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB106421

pH Meter ID: WC PH METER-1

Reagent/Standard	Lot/Log #
Calibratation STD HexaChrome 1 PPM	WP80024
Calibratation STD Hexa Chrome 0.5 PPM	WP80025
Calibration Std. hexchrome 0.1 ppm	WP80029
Calibration Std. hexchrome 0.05 ppm	WP80028
calibration std. hexchrome 0.01 ppm	WP80027
calibration std. hexchrome 0 ppm	WP80033
Hexavalent Chromium ICV Std.	WP80031
Hexavalent Chromium CCV Std	WP80030
Hexavalent Chromium LCS Std	WP80032
hexavalent chromium color reagent	WP79867
5N sulfuric acid	WP79628
Calibration std Hexachrome, 0.025ppm	WP80026

Intercept: 0.0027

Slope: 0.8106

Regression: 0.999803

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	11/21/2019	10:05
2	CAL2	0.01	1	100	100		1.97	0.000	0.010	0.010	11/21/2019	10:05
3	CAL3	0.025	1	100	100		2.07	0.000	0.022	0.022	11/21/2019	10:06
4	CAL4	0.05	1	100	100		1.94	0.001	0.042	0.041	11/21/2019	10:06
5	CAL5	0.1	1	100	100		1.98	0.000	0.084	0.084	11/21/2019	10:07
6	CAL6	0.5	1	100	100		2.04	0.001	0.422	0.421	11/21/2019	10:07
7	CAL7	1	1	100	100		2.09	0.000	0.807	0.807	11/21/2019	10:08



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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		1.56	0.000	0.417	0.417	0.511	11/21/2019	10:08
2	ICB		1	100	100		2.10	0.000	0.000	0.000	-0.003	11/21/2019	10:09
3	CCV1	0.5	1	100	100		2.05	0.000	0.420	0.420	0.515	11/21/2019	10:09
4	CCB1		1	100	100		2.01	0.000	0.000	0.000	-0.003	11/21/2019	10:10
5	LB106421BL		1	100	100		2.07	0.000	0.000	0.000	-0.003	11/21/2019	10:10
6	LB106421BS	0.5	1	100	100		1.96	0.000	0.415	0.415	0.509	11/21/2019	10:11
7	K5959-13		1	100	100		2.04	0.001	0.001	0.000	-0.003	11/21/2019	10:11
8	K5959-13DUP		1	100	100		1.98	0.000	0.001	0.001	-0.002	11/21/2019	10:12
9	K5959-13MS	1	2	100	100		1.96	0.000	0.406	0.406	0.498	11/21/2019	10:12
10	K5959-13MSD	1	2	100	100		2.05	0.000	0.405	0.405	0.496	11/21/2019	10:13
11	CCV2	0.5	1	100	100		2.14	0.000	0.421	0.421	0.516	11/21/2019	10:13
12	CCB2		1	100	100		1.92	0.000	0.000	0.000	-0.003	11/21/2019	10:14

LB 106421

WORKLIST(Hardcopy Internal Chain)

WorkList Name : HEX112119

WorkList ID : 133557

Department : Wet-Chemistry

Date : 11-21-2019 08:32

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
11/21/2019	Water	K5959-13	Hexavalent Chromium	Cool 4 deg C	ENTE01	I41	FIELD-BLANK	11/20/2019	7196A

Date/Time 11/21/19 08:35
Received by: KS
Relinquished by: JS

Date/Time 11/21/19 10:20
Received by: JS
Relinquished by: KS