

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB110110

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP85665
Calibration Std. hexchrome 0.05 ppm	WP85666
calibration std. hexchrome 0.01 ppm	WP85667
calibration std. hexchrome 0 ppm	WP85668
hexavalent chromium color reagent	WP85512
0.2N SULFURIC ACID	WP84587
Calibration Std Hexachrome 0.025 ppm	WP85670
Hexavalent Chromium ICV-LCS Std	WP85669
Calibration and CCV std HexChrome 0.5PPM	WP85664
Calibration std HexChrome 1.0PPM	WP85663

Intercept: 0.0007

Slope: 0.7815

Regression: 0.999904

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		2.04	0.000	0.000	0.000	07/20/2020	14:45
2	CAL2	0.01	1	100	100		2.08	0.000	0.008	0.008	07/20/2020	14:46
3	CAL3	0.025	1	100	100		2.06	0.000	0.018	0.018	07/20/2020	14:47
4	CAL4	0.05	1	100	100		2.05	0.000	0.038	0.038	07/20/2020	14:48
5	CAL5	0.1	1	100	100		2.03	0.000	0.080	0.080	07/20/2020	14:49
6	CAL6	0.5	1	100	100		2.07	0.000	0.400	0.400	07/20/2020	14:50
7	CAL7	1	1	100	100		2.02	0.000	0.778	0.778	07/20/2020	14:51



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromiu

SUPERVISOR REVIEW BY: apatel

Run Number: LB110110

pH Meter ID: WC pH Meter-1

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		2.05	0.000	0.412	0.412	0.526	07/20/2020	14:52
2	ICB		1	100	100		2.03	0.000	0.000	0.000	-0.001	07/20/2020	14:53
3	CCV1	0.5	1	100	100		2.08	0.000	0.398	0.398	0.508	07/20/2020	14:54
4	CCB1		1	100	100		2.07	0.000	0.000	0.000	-0.001	07/20/2020	14:55
5	lb110110BL		1	100	100		2.06	0.000	0.000	0.000	-0.001	07/20/2020	14:56
6	lb110110BS	0.5	1	100	100		2.05	0.000	0.426	0.426	0.544	07/20/2020	14:57
7	L3216-10		1	100	100		2.07	0.000	0.004	0.004	0.004	07/20/2020	14:58
8	L3216-11		1	100	100		2.09	0.000	0.008	0.008	0.009	07/20/2020	14:59
9	L3358-01		1	100	100		2.08	0.000	0.000	0.000	-0.001	07/20/2020	15:00
10	L3358-01DUP		1	100	100		2.04	0.000	0.000	0.000	-0.001	07/20/2020	15:01
11	L3358-01MS	1	2	100	100		2.03	0.000	0.418	0.418	0.534	07/20/2020	15:02
12	L3358-01MSD	1	2	100	100		2.02	0.000	0.419	0.419	0.535	07/20/2020	15:03
13	CCV2	0.5	1	100	100		2.04	0.000	0.400	0.400	0.511	07/20/2020	15:04
14	CCB2		1	100	100		2.05	0.000	0.000	0.000	-0.001	07/20/2020	15:05

WORKLIST(Hardcopy Internal Chain)

LB110110

WorkList Name : hex72020-1 WorkList ID : 140609 Department : Wet-Chemistry Date : 07-20-2020 13:54:56

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
07/07/2020	Water	L3216-10	✓ Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Office	LOD-MDL-WATER-04-QT3-20	07/06/2020	SM3500-Cr B
07/07/2020	Water	L3216-11	✓ Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Office	LOQ-WATER-05-QT3-2020	07/06/2020	SM3500-Cr B
07/21/2020	Water	L3358-01	C Hexavalent Chromium	Cool 4 deg C	DIST01		55-ST-28	07/20/2020	SM3500-Cr B

Date/Time 07/20/2020 14:15
 Received by: KS (wet-chem)
 Relinquished by: AM (wet-chem)

Date/Time 07/20/2020
 Received by: AM (wet-chem)
 Relinquished by: KS (wet-chem)