

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB109822

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP85125
Calibration Std. hexchrome 0.05 ppm	WP85127
calibration std. hexchrome 0.01 ppm	WP85126
calibration std. hexchrome 0 ppm	WP85130
hexavalent chromium color reagent	WP85096
0.2N SULFURIC ACID	WP84587
Calibration Std Hexachrome 0.025 ppm	WP85129
Hexavalent Chromium ICV-LCS Std	WP85128
Calibration and CCV std HexChrome 0.5PPM	WP85123
Calibration std HexChrome 1.0PPM	WP85124

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		2.06	0.000	0.000	0.000	07/01/2020	12:05
2	CAL2	0.01	1	100	100		2.04	0.000	0.008	0.008	07/01/2020	12:06
3	CAL3	0.025	1	100	100		2.03	0.000	0.018	0.018	07/01/2020	12:07
4	CAL4	0.05	1	100	100		2.05	0.000	0.038	0.038	07/01/2020	12:08
5	CAL5	0.1	1	100	100		2.07	0.000	0.080	0.080	07/01/2020	12:09
6	CAL6	0.5	1	100	100		2.08	0.000	0.400	0.400	07/01/2020	12:10
7	CAL7	1	1	100	100		2.02	0.000	0.778	0.778	07/01/2020	12:11

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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		2.04	0.000	0.411	0.411	0.525	07/01/2020	12:12
2	ICB		1	100	100		2.06	0.000	0.000	0.000	-0.001	07/01/2020	12:13
3	CCV1	0.5	1	100	100		2.03	0.000	0.399	0.399	0.510	07/01/2020	12:14
4	CCB1		1	100	100		2.05	0.000	0.000	0.000	-0.001	07/01/2020	12:15
5	lb109822BL		1	100	100		2.07	0.000	0.000	0.000	-0.001	07/01/2020	12:16
6	lb109822BS	0.5	1	100	100		2.08	0.000	0.383	0.383	0.489	07/01/2020	12:17
7	L3194-01		1	100	100		2.03	0.000	0.000	0.000	-0.001	07/01/2020	12:18
8	L3194-01DUP		1	100	100		2.02	0.000	0.000	0.000	-0.001	07/01/2020	12:19
9	L3194-01MS	1	2	100	100		2.05	0.000	0.358	0.358	0.457	07/01/2020	12:20
10	L3194-01MSD	1	2	100	100		2.04	0.000	0.359	0.359	0.458	07/01/2020	12:21
11	CCV2	0.5	1	100	100		2.08	0.000	0.400	0.400	0.511	07/01/2020	12:22
12	CCB2		1	100	100		2.09	0.000	0.000	0.000	-0.001	07/01/2020	12:23

WORKLIST(Hardcopy Internal Chain)

LB 109822

WorkList Name : hex7120-1 WorkList ID : 140078 Department : Wet-Chemistry Date : 07-01-2020 11:16:29

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
07/02/2020	Water	L3194-01	Hexavalent Chromium	Cool 4 deg C	TULL02	P21	TUNNEL-WALL-WASHWATEF	07/01/2020	SM3500-Cr B

Date/Time 07/01/2020 11:20
 Received by: KS (wet-chemistry)
 Relinquished by: AM Lurichien

Date/Time 07/01/2020 12:30
 Received by: AM Lurichien
 Relinquished by: KS (wet-chem)