

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB112482

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP88689
Calibration Std. hexchrome 0.05 ppm	WP88690
calibration std. hexchrome 0.01 ppm	WP88691
calibration std. hexchrome 0 ppm	WP88692
hexavalent chromium color reagent	WP88676
0.2N SULFURIC ACID	WP88532
Calibration Std Hexachrome 0.025 ppm	WP88693
Hexavalent Chromium ICV-LCS Std	WP88694
Calibration and CCV std HexChrome 0.5PPM	WP88688
Calibration std HexChrome 1.0PPM	WP88687

Intercept: -0.0008

Slope: 0.8009

Regression: 0.999996

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		2.36	0.000	0.000	0.000	12/21/2020	16:45
2	CAL2	0.01	1	100	100		1.96	0.000	0.008	0.008	12/21/2020	16:46
3	CAL3	0.025	1	100	100		2.14	0.000	0.018	0.018	12/21/2020	16:47
4	CAL4	0.05	1	100	100		2.15	0.000	0.038	0.038	12/21/2020	16:48
5	CAL5	0.1	1	100	100		1.87	0.000	0.080	0.080	12/21/2020	16:49
6	CAL6	0.5	1	100	100		2.17	0.000	0.400	0.400	12/21/2020	16:50
7	CAL7	1	1	100	100		2.25	0.000	0.800	0.800	12/21/2020	16:51



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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		2.45	0.000	0.412	0.412	0.515	12/21/2020	16:52
2	ICB		1	100	100		2.27	0.000	0.000	0.000	0.001	12/21/2020	16:53
3	CCV1	0.5	1	100	100		1.88	0.000	0.400	0.400	0.500	12/21/2020	16:54
4	CCB1		1	100	100		1.96	0.000	0.000	0.000	0.001	12/21/2020	16:55
5	LB112482BL		1	100	100		2.14	0.000	0.000	0.000	0.001	12/21/2020	16:56
6	LB112482BS	0.5	1	100	100		2.08	0.000	0.410	0.410	0.513	12/21/2020	16:57
7	L5174-07		1	100	100		2.34	0.001	0.001	0.000	0.001	12/21/2020	16:58
8	L5174-07DUP		1	100	100		2.14	0.001	0.001	0.000	0.001	12/21/2020	16:59
9	L5174-07MS	1	2	100	100		1.89	0.001	0.429	0.428	0.535	12/21/2020	17:00
10	L5174-07MSD	1	2	100	100		1.95	0.002	0.430	0.428	0.535	12/21/2020	17:01
11	CCV2	0.5	1	100	100		2.14	0.000	0.401	0.401	0.502	12/21/2020	17:02
12	CCB2		1	100	100		2.36	0.000	0.000	0.000	0.001	12/21/2020	17:03

WORKLIST(Hardcopy Internal Chain)

LB 112482

WorkList Name : HEX122120 WorkList ID : 145135 Department : Wet-Chemistry Date : 12-21-2020 15:43:01

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
12/22/2020	Water	L5174-07	C Hexavalent Chromium	Cool 4 deg C	NEWY17	M22	14B-(1-4)-COMP	12/21/2020	SM3500-Cr B

Date/Time 12/21/2020 16:15
 Received by: KS (Wetchem)
 Relinquished by: SP (Wet-Chem)

Date/Time 12/21/2020 17:05
 Received by: SP (Wet-Chem)
 Relinquished by: KS (Wetchem)