

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: ketankumar

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB111452

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP87458
Calibration Std. hexchrome 0.05 ppm	WP87459
calibration std. hexchrome 0.01 ppm	WP87460
calibration std. hexchrome 0 ppm	WP87461
hexavalent chromium color reagent	WP87425
0.2N SULFURIC ACID	WP84587
Calibration Std Hexachrome 0.025 ppm	WP87422
Hexavalent Chromium ICV-LCS Std	WP87462
Calibration and CCV std HexChrome 0.5PPM	WP87457
Calibration std HexChrome 1.0PPM	WP87456

Intercept: 0.0007

Slope: 0.7827

Regression: 0.999896

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	10/12/2020	14:50
2	CAL2	0.01	1	100	100		2.08	0.000	0.008	0.008	10/12/2020	14:51
3	CAL3	0.025	1	100	100		2.05	0.000	0.018	0.018	10/12/2020	14:52
4	CAL4	0.05	1	100	100		2.07	0.000	0.038	0.038	10/12/2020	14:53
5	CAL5	0.1	1	100	100		2.03	0.000	0.080	0.080	10/12/2020	14:54
6	CAL6	0.5	1	100	100		2.06	0.000	0.401	0.401	10/12/2020	14:55
7	CAL7	1	1	100	100		2.04	0.000	0.779	0.779	10/12/2020	14:56

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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		2.05	0.000	0.412	0.412	0.525	10/12/2020	14:57
2	ICB		1	100	100		2.07	0.000	0.000	0.000	-0.001	10/12/2020	14:58
3	CCV1	0.5	1	100	100		2.03	0.000	0.397	0.397	0.506	10/12/2020	14:59
4	CCB1		1	100	100		2.06	0.000	0.000	0.000	-0.001	10/12/2020	15:00
5	LB111452BL		1	100	100		2.04	0.000	0.000	0.000	-0.001	10/12/2020	15:01
6	LB111452BS	0.5	1	100	100		2.08	0.000	0.410	0.410	0.523	10/12/2020	15:02
7	L4371-07		1	100	100		2.03	0.002	0.002	0.000	-0.001	10/12/2020	15:03
8	L4371-07DUP		1	100	100		2.04	0.001	0.002	0.001	0.000	10/12/2020	15:04
9	L4371-07MS	1	2	100	100		2.06	0.002	0.415	0.413	0.527	10/12/2020	15:05
10	L4371-07MSD	1	2	100	100		2.07	0.001	0.416	0.415	0.529	10/12/2020	15:06
11	CCV2	0.5	1	100	100		2.04	0.000	0.400	0.400	0.510	10/12/2020	15:07
12	CCB2		1	100	100		2.07	0.000	0.000	0.000	-0.001	10/12/2020	15:08

WORKLIST(Hardcopy Internal Chain)

LB111452

WorkList Name : HEX101220 WorkList ID : 143208 Department : Wet-Chemistry Date : 10-12-2020 13:45:18

Due Date	Matrix	Sample	Test	Preservative	Customer	Storage Location	Customer Sample	Collect Date	Method
10/13/2020	Water	L4371-07	Hexavalent Chromium	Cool 4 deg C	NEWY17	O61	14B-(1-4)-COMP	10/12/2020	SM3500-Cr B

Date/Time 10/12/20 14:10
 Received by: KS (Wetchem)
 Relinquished by: AM (Wet-chem)

Date/Time 10/12/20 15:15
 Received by: AM (Wet-chem)
 Relinquished by: KS (Wetchem)