

Analysis Method: SM3500-Cr B

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB133639

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP110886
Calibration Std. hexchrome 0.05 ppm	WP110885
calibration std. hexchrome 0.01 ppm	WP110883
calibration std. hexchrome 0 ppm	WP110882
hexavalent chromium color reagent	WP110866
0.2N SULFURIC ACID	WP109325
Calibration Std Hexachrome 0.025 ppm	WP110884
Hexavalent Chromium ICV-LCS Std	WP110889
Calibration and CCV std HexChrome 0.5PPM	WP110887
Calibration std HexChrome 1.0PPM	WP110888

Intercept: 0.0003

Slope: 0.7805

Regression: 0.999993

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at 540nm		Absorbance Difference	Result (mg/L)	%D	Anal Date	Anal Time
								Backgrnd	Color					
1	CAL1	0	1	100	100		1.78	0.000	0.000	0.000	-0.00		11/26/2024	16:45
2	CAL2	0.01	1	100	100		1.90	0.000	0.010	0.010	0.012	20	11/26/2024	16:51
3	CAL3	0.025	1	100	100		1.85	0.000	0.019	0.019	0.023	-8	11/26/2024	16:47
4	CAL4	0.05	1	100	100		1.88	0.000	0.038	0.038	0.048	-4	11/26/2024	16:48
5	CAL5	0.1	1	100	100		1.86	0.000	0.079	0.079	0.100	0	11/26/2024	16:49
6	CAL6	0.5	1	100	100		1.84	0.000	0.390	0.390	0.499	-0.2	11/26/2024	16:50
7	CAL7	1	1	100	100		1.88	0.000	0.781	0.781	1.000	0	11/26/2024	16:51

Analytical Summary Report

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pH Meter ID:WC pH Meter-1

Seq	Lab ID	True Value	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at540nm		Absorbance Difference	Intermediate Result (mg/L)	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		1.92	0.000	0.390	0.390	0.499	11/26/2024	16:52
2	ICB		1	100	100		1.74	0.000	0.000	0.000	0.000	11/26/2024	16:53
3	CCV1	0.5	1	100	100		1.93	0.000	0.392	0.392	0.502	11/26/2024	16:54
4	CCB1		1	100	100		1.79	0.000	0.000	0.000	0.000	11/26/2024	16:55
5	RL Check	0.01	1	100	100		1.90	0.000	0.009	0.009	0.011	11/26/2024	16:56
6	lb133639BL		1	100	100		1.80	0.000	0.000	0.000	0.000	11/26/2024	16:57
7	lb133639BS	0.5	1	100	100		1.94	0.000	0.391	0.391	0.501	11/26/2024	16:58
8	P5018-07		1	100	100		2.04	0.000	0.000	0.000	0.000	11/26/2024	16:59
9	P5018-07DU		1	100	100		2.06	0.000	0.000	0.000	0.000	11/26/2024	17:00
10	P5018-07MS	1	2	100	100		2.10	0.000	0.381	0.381	0.488	11/26/2024	17:01
11	P5018-07MS	1	2	100	100		2.10	0.000	0.383	0.383	0.490	11/26/2024	17:02
12	CCV2	0.5	1	100	100		1.92	0.000	0.390	0.390	0.499	11/26/2024	17:03
13	CCB2		1	100	100		1.76	0.000	0.000	0.000	0.000	11/26/2024	17:04

WORKLIST(Hardcopy Internal Chain)

6133639

WorkList Name : hex-11-26-*

WorkList ID : 185799

Department : Wet-Chemistry

Date : 11-26-2024 13:04:25

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P5018-07	14B-(1-4)-COMP	Water	Hexavalent Chromium	Ammonium sulfate buffer	NEWY17	L51	11/26/2024	SM3500-Cr B

Date/Time 11/26/2024 15:00
Raw Sample Received by: RM CWC
Raw Sample Relinquished by: RM CWC

Date/Time 11/26/2024 15:30
Raw Sample Received by: RM CWC
Raw Sample Relinquished by: RM CWC