

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB133615

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP110862
Calibration Std. hexchrome 0.05 ppm	WP110861
calibration std. hexchrome 0.01 ppm	WP110859
calibration std. hexchrome 0 ppm	WP110858
hexavalent chromium color reagent	WP110866
0.2N SULFURIC ACID	WP109325
Calibration Std Hexachrome 0.025 ppm	WP110860
Hexavalent Chromium ICV-LCS Std	WP110865
Calibration and CCV std HexChrome 0.5PPM	WP110863
Calibration std HexChrome 1.0PPM	WP110864

Intercept: 0.0001

Slope: 0.7799

Regression: 0.999997

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		1.74	0.000	0.000	0.000	-0.00		11/25/2024	16:00
2	CAL2	0.01	1	100	100		1.88	0.000	0.009	0.009	0.011	10	11/25/2024	16:01
3	CAL3	0.025	1	100	100		1.85	0.000	0.019	0.019	0.024	-4	11/25/2024	16:02
4	CAL4	0.05	1	100	100		1.87	0.000	0.038	0.038	0.048	-4	11/25/2024	16:03
5	CAL5	0.1	1	100	100		1.87	0.000	0.079	0.079	0.101	1	11/25/2024	16:04
6	CAL6	0.5	1	100	100		1.84	0.000	0.390	0.390	0.499	-0.2	11/25/2024	16:05
7	CAL7	1	1	100	100		1.90	0.000	0.780	0.780	1	0	11/25/2024	16:06

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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		1.91	0.000	0.392	0.392	0.503	11/25/2024	16:07
2	ICB		1	100	100		1.77	0.000	0.000	0.000	0.000	11/25/2024	16:08
3	CCV1	0.5	1	100	100		1.92	0.000	0.391	0.391	0.501	11/25/2024	16:09
4	CCB1		1	100	100		1.75	0.000	0.000	0.000	0.000	11/25/2024	16:10
5	RL Check	0.01	1	100	100		1.90	0.000	0.009	0.009	0.011	11/25/2024	16:11
6	LB133615BL		1	100	100		1.74	0.000	0.000	0.000	0.000	11/25/2024	16:12
7	LB133615BS	0.5	1	100	100		1.91	0.000	0.390	0.390	0.500	11/25/2024	16:13
8	P4997-07		1	100	100		2.04	0.000	0.000	0.000	0.000	11/25/2024	16:14
9	P4997-07DU		1	100	100		2.06	0.000	0.000	0.000	0.000	11/25/2024	16:15
10	P4997-07MS	1	2	100	100		2.06	0.000	0.381	0.381	0.488	11/25/2024	16:16
11	P4997-07MS	1	2	100	100		2.05	0.000	0.384	0.384	0.492	11/25/2024	16:17
12	CCV2	0.5	1	100	100		1.94	0.000	0.392	0.392	0.503	11/25/2024	16:18
13	CCB2		1	100	100		1.78	0.000	0.000	0.000	0.000	11/25/2024	16:19

WORKLIST(Hardcopy Internal Chain)

6133615

WorkList Name : HEX-11-25-

WorkList ID : 185772

Department : Wet-Chemistry

Date : 11-25-2024 13:50:43

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4997-07	14B-(1-4)-COMP	Water	Hexavalent Chromium	Ammonium sulfate buffer	NEWY17	L41	11/25/2024	SM3500-Cr B

Date/Time 11/25/2024 14:35
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: RM CWC

Date/Time 11/25/2024 15:20
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: RM CWC