

Analysis Method: SM3500-Cr B

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB133695

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP110918
Calibration Std. hexchrome 0.05 ppm	WP110917
calibration std. hexchrome 0.01 ppm	WP110915
calibration std. hexchrome 0 ppm	WP110913
hexavalent chromium color reagent	WP110922
0.2N SULFURIC ACID	WP109325
Calibration Std Hexachrome 0.025 ppm	WP110916
Hexavalent Chromium ICV-LCS Std	WP110921
Calibration and CCV std HexChrome 0.5PPM	WP110919
Calibration std HexChrome 1.0PPM	WP110920

Intercept: 0.0003

Slope: 0.7817

Regression: 0.999998

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		12/02/2024	16:40
2	CAL2	0.01	1	100	100		1.90	0.000	0.009	0.009	0.011	10	12/02/2024	16:41
3	CAL3	0.025	1	100	100		1.87	0.000	0.019	0.019	0.023	-8	12/02/2024	16:42
4	CAL4	0.05	1	100	100		1.89	0.000	0.039	0.039	0.049	-2	12/02/2024	16:43
5	CAL5	0.1	1	100	100		1.88	0.000	0.079	0.079	0.100	0	12/02/2024	16:44
6	CAL6	0.5	1	100	100		1.88	0.000	0.391	0.391	0.499	-0.2	12/02/2024	16:45
7	CAL7	1	1	100	100		1.85	0.000	0.782	0.782	1	0	12/02/2024	16:46

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		1.91	0.000	0.390	0.390	0.499	12/02/2024	16:47
2	ICB		1	100	100		1.74	0.000	0.000	0.000	0.000	12/02/2024	16:48
3	CCV1	0.5	1	100	100		1.92	0.000	0.392	0.392	0.501	12/02/2024	16:49
4	CCB1		1	100	100		1.79	0.000	0.000	0.000	0.000	12/02/2024	16:50
5	RL Check	0.01	1	100	100		1.91	0.000	0.009	0.009	0.011	12/02/2024	16:51
6	LB133695BL		1	100	100		1.77	0.000	0.000	0.000	0.000	12/02/2024	16:52
7	LB133695BS	0.5	1	100	100		1.93	0.000	0.400	0.400	0.511	12/02/2024	16:53
8	P5051-07		1	100	100		2.06	0.000	0.000	0.000	0.000	12/02/2024	16:54
9	P5051-07DU		1	100	100		2.10	0.000	0.000	0.000	0.000	12/02/2024	16:55
10	P5051-07MS	1	2	100	100		2.10	0.000	0.383	0.383	0.490	12/02/2024	16:56
11	P5051-07MS	1	2	100	100		2.14	0.000	0.386	0.386	0.493	12/02/2024	16:57
12	CCV2	0.5	1	100	100		1.92	0.000	0.391	0.391	0.500	12/02/2024	16:58
13	CCB2		1	100	100		1.77	0.000	0.000	0.000	0.000	12/02/2024	16:59

WORKLIST(Hardcopy Internal Chain)

26133695

WorkList Name : HEX-12*-2

WorkList ID : 185902

Department : Wet-Chemistry

Date : 12-02-2024 13:31:15

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P5051-07	14B-(14)-COMP	Water	Hexavalent Chromium	Ammonium sulfate buffer	NEWY17	M11	12/02/2024	SM3500-Cr B

Date/Time 12/02/2024 14:25
Raw Sample Received by: RM cws
Raw Sample Relinquished by: J. M. Lee

Date/Time 12/02/2024 16:10
Raw Sample Received by: J. M. Lee
Raw Sample Relinquished by: RM cws