

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB133712

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP110932
Calibration Std. hexchrome 0.05 ppm	WP110931
calibration std. hexchrome 0.01 ppm	WP110929
calibration std. hexchrome 0 ppm	WP110928
hexavalent chromium color reagent	WP110922
0.2N SULFURIC ACID	WP109325
Calibration Std Hexachrome 0.025 ppm	WP110930
Hexavalent Chromium ICV-LCS Std	WP110935
Calibration and CCV std HexChrome 0.5PPM	WP110933
Calibration std HexChrome 1.0PPM	WP110934

Intercept: 0.0002

Slope: 0.7798

Regression: 0.999994

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		1.80	0.000	0.000	0.000	-0.00		12/03/2024	15:15
2	CAL2	0.01	1	100	100		1.90	0.000	0.010	0.010	0.012	20	12/03/2024	15:16
3	CAL3	0.025	1	100	100		1.88	0.000	0.019	0.019	0.024	-4	12/03/2024	15:17
4	CAL4	0.05	1	100	100		1.91	0.000	0.038	0.038	0.048	-4	12/03/2024	15:18
5	CAL5	0.1	1	100	100		1.86	0.000	0.078	0.078	0.099	-1	12/03/2024	15:19
6	CAL6	0.5	1	100	100		1.90	0.000	0.390	0.390	0.499	-0.2	12/03/2024	15:20
7	CAL7	1	1	100	100		1.91	0.000	0.780	0.780	1	0	12/03/2024	15:21

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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		1.94	0.000	0.392	0.392	0.502	12/03/2024	15:22
2	ICB		1	100	100		1.78	0.000	0.000	0.000	0.000	12/03/2024	15:23
3	CCV1	0.5	1	100	100		1.93	0.000	0.390	0.390	0.500	12/03/2024	15:24
4	CCB1		1	100	100		1.81	0.000	0.000	0.000	0.000	12/03/2024	15:25
5	RL Check	0.01	1	100	100		1.92	0.000	0.010	0.010	0.013	12/03/2024	15:26
6	LB133712BL		1	100	100		1.80	0.000	0.000	0.000	0.000	12/03/2024	15:27
7	LB133712BS	0.5	1	100	100		1.95	0.000	0.403	0.403	0.517	12/03/2024	15:28
8	P5068-07		1	100	100		2.06	0.000	0.000	0.000	0.000	12/03/2024	15:29
9	P5068-07DU		1	100	100		2.10	0.000	0.000	0.000	0.000	12/03/2024	15:30
10	P5068-07MS	1	2	100	100		2.10	0.000	0.389	0.389	0.499	12/03/2024	15:31
11	P5068-07MS	1	2	100	100		2.14	0.000	0.388	0.388	0.497	12/03/2024	15:32
12	CCV2	0.5	1	100	100		1.97	0.000	0.391	0.391	0.501	12/03/2024	15:33
13	CCB2		1	100	100		1.77	0.000	0.000	0.000	0.000	12/03/2024	15:34

WORKLIST(Hardcopy Internal Chain)

6133712

WorkList Name : hex -12-03

WorkList ID : 185924

Department : Wet-Chemistry

Date : 12-03-2024 11:38:46

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P5068-07	14B-(1-4)-COMP	Water	Hexavalent Chromium	Ammonium sulfate buffer	NEWY17	L61	12/03/2024	SM3500-Cr B

Date/Time 12/03/2024 14:25
Raw Sample Received by: R14 CWG
Raw Sample Relinquished by: RR(01)

Date/Time 12/03/2024 15:00
Raw Sample Received by: RR(007)
Raw Sample Relinquished by: R14 CWG