

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB127983

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP104925
Calibration Std. hexchrome 0.05 ppm	WP104924
calibration std. hexchrome 0.01 ppm	WP104922
calibration std. hexchrome 0 ppm	WP104921
hexavalent chromium color reagent	WP104813
0.2N SULFURIC ACID	WP103581
Calibration Std Hexachrome 0.025 ppm	WP104923
Hexavalent Chromium ICV-LCS Std	WP104928
Calibration and CCV std HexChrome 0.5PPM	WP104926
Calibration std HexChrome 1.0PPM	WP104927

Intercept: 0.0003

Slope: 0.782

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		1.75	0.000	0.000	0.000	-0.00		10/25/2023	15:30
2	CAL2	0.01	1	100	100		1.87	0.000	0.010	0.010	0.012	20	10/25/2023	15:31
3	CAL3	0.025	1	100	100		1.85	0.000	0.019	0.019	0.023	-8	10/25/2023	15:32
4	CAL4	0.05	1	100	100		1.88	0.000	0.038	0.038	0.048	-4	10/25/2023	15:33
5	CAL5	0.1	1	100	100		1.87	0.000	0.079	0.079	0.100	0	10/25/2023	15:34
6	CAL6	0.5	1	100	100		1.91	0.000	0.392	0.392	0.500	0	10/25/2023	15:35
7	CAL7	1	1	100	100		1.86	0.000	0.782	0.782	0.999	-0.1	10/25/2023	15:36



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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	0.498	10/25/2023	15:37
2	ICB		1	100	100		1.76	0.000	0.000	0.000	0.000	10/25/2023	15:38
3	CCV1	0.5	1	100	100		1.94	0.000	0.392	0.392	0.501	10/25/2023	15:39
4	CCB1		1	100	100		1.78	0.000	0.000	0.000	0.000	10/25/2023	15:40
5	RL Check	0.01	1	100	100		1.90	0.000	0.009	0.009	0.011	10/25/2023	15:41
6	lb127983BL		1	100	100		1.77	0.000	0.000	0.000	0.000	10/25/2023	15:42
7	lb127983BS	0.5	1	100	100		1.91	0.000	0.401	0.401	0.512	10/25/2023	15:43
8	O5054-07		1	100	100		2.04	0.007	0.007	0.000	0.000	10/25/2023	15:44
9	O5054-07DU		1	100	100		2.04	0.007	0.007	0.000	0.000	10/25/2023	15:45
10	O5054-07MS	1	2	100	100		2.06	0.007	0.394	0.387	0.495	10/25/2023	15:46
11	O5054-07MS	1	2	100	100		2.04	0.007	0.384	0.377	0.482	10/25/2023	15:47
12	CCV2	0.5	1	100	100		1.93	0.000	0.391	0.391	0.500	10/25/2023	15:48
13	CCB2		1	100	100		1.78	0.000	0.000	0.000	0.000	10/25/2023	15:49

WORKLIST(Hardcopy Internal Chain)

6127983

WorkList Name : hex 10-25 WorkList ID : 174894 Department : Wet-Chemistry Date : 10-25-2023 08:22:12

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O5054-07	14B-(1-4)-COMP	Water	Hexavalent Chromium	Ammonium sulfate buffer	NEWY17	I51	10/25/2023	SM3500-Cr B

Date/Time 10/25/2023 13:30
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 10/25/2023 14:30
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]