



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB127861

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP104787
Calibration Std. hexchrome 0.05 ppm	WP104786
calibration std. hexchrome 0.01 ppm	WP104784
calibration std. hexchrome 0 ppm	WP104783
hexavalent chromium color reagent	WP104678
0.2N SULFURIC ACID	WP103581
Calibration Std Hexachrome 0.025 ppm	WP104785
Hexavalent Chromium ICV-LCS Std	WP104790
Calibration and CCV std HexChrome 0.5PPM	WP104788
Calibration std HexChrome 1.0PPM	WP104789

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		1.78	0.000	0.000	0.000	-0.00		10/18/2023	13:50
2	CAL2	0.01	1	100	100		1.87	0.000	0.009	0.009	0.011	10	10/18/2023	13:51
3	CAL3	0.025	1	100	100		1.86	0.000	0.019	0.019	0.024	-4	10/18/2023	13:52
4	CAL4	0.05	1	100	100		1.87	0.000	0.038	0.038	0.048	-4	10/18/2023	13:53
5	CAL5	0.1	1	100	100		1.88	0.000	0.079	0.079	0.101	1	10/18/2023	13:54
6	CAL6	0.5	1	100	100		1.90	0.000	0.390	0.390	0.499	-0.2	10/18/2023	13:55
7	CAL7	1	1	100	100		1.86	0.000	0.780	0.780	1	0	10/18/2023	13:56



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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 HNO3	pH H2SO4	Absorb.at540nm		Absorbance Difference	Intermediate Result (mg/L)	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		1.93	0.000	0.392	0.392	0.503	10/18/2023	13:57
2	ICB		1	100	100		1.78	0.000	0.000	0.000	0.000	10/18/2023	13:58
3	CCV1	0.5	1	100	100		1.94	0.000	0.390	0.390	0.500	10/18/2023	13:59
4	CCB1		1	100	100		1.75	0.000	0.000	0.000	0.000	10/18/2023	14:00
5	RL Check	0.01	1	100	100		1.91	0.000	0.009	0.009	0.011	10/18/2023	14:01
6	LB127861BL		1	100	100		1.77	0.000	0.000	0.000	0.000	10/18/2023	14:02
7	LB127861BS	0.5	1	100	100		1.92	0.000	0.402	0.402	0.515	10/18/2023	14:03
8	O4943-07		1	100	100		2.06	0.005	0.005	0.000	0.000	10/18/2023	14:04
9	O4943-07DU		1	100	100		2.04	0.005	0.005	0.000	0.000	10/18/2023	14:05
10	O4943-07MS	1	2	100	100		2.06	0.005	0.392	0.387	0.496	10/18/2023	14:06
11	O4943-07MS	1	2	100	100		2.08	0.005	0.395	0.390	0.500	10/18/2023	14:07
12	CCV2	0.5	1	100	100		1.93	0.000	0.391	0.391	0.501	10/18/2023	14:08
13	CCB2		1	100	100		1.78	0.000	0.000	0.000	0.000	10/18/2023	14:09

WORKLIST(Hardcopy Internal Chain)

16127861

WorkList Name : hex 1018 WorkList ID : 174662 Department : Wet-Chemistry Date : 10-18-2023 08:27:03

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O4943-07	14B-(1-4)-COMP	Water	Hexavalent Chromium	Ammonium sulfate buffer	NEWY17	E31	10/18/2023	SM3500-Cr B

Date/Time 10/18/2023 13:30
 Raw Sample Received by: PM CWC
 Raw Sample Relinquished by: JD CWC

Date/Time 10/18/2023 14:15
 Raw Sample Received by: 761 CWC
 Raw Sample Relinquished by: PM CWC