



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB128461

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP105450
Calibration Std. hexchrome 0.05 ppm	WP105449
calibration std. hexchrome 0.01 ppm	WP105447
calibration std. hexchrome 0 ppm	WP105446
hexavalent chromium color reagent	WP105421
0.2N SULFURIC ACID	WP103581
Calibration Std Hexachrome 0.025 ppm	WP105448
Hexavalent Chromium ICV-LCS Std	WP105453
Calibration and CCV std HexChrome 0.5PPM	WP105451
Calibration std HexChrome 1.0PPM	WP105452

Intercept: 0.0006

Slope: 0.782

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		1.74	0.000	0.000	0.000	-0.00		11/27/2023	16:40
2	CAL2	0.01	1	100	100		1.86	0.000	0.010	0.010	0.012	20	11/27/2023	16:41
3	CAL3	0.025	1	100	100		1.88	0.000	0.020	0.020	0.024	-4	11/27/2023	16:42
4	CAL4	0.05	1	100	100		1.85	0.000	0.039	0.039	0.049	-2	11/27/2023	16:43
5	CAL5	0.1	1	100	100		1.88	0.000	0.078	0.078	0.098	-2	11/27/2023	16:44
6	CAL6	0.5	1	100	100		1.90	0.000	0.393	0.393	0.501	0.2	11/27/2023	16:45
7	CAL7	1	1	100	100		1.87	0.000	0.782	0.782	0.999	-0.1	11/27/2023	16:46



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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		1.93	0.000	0.391	0.391	0.499	11/27/2023	16:47
2	ICB		1	100	100		1.78	0.000	0.000	0.000	-0.001	11/27/2023	16:48
3	CCV1	0.5	1	100	100		1.95	0.000	0.392	0.392	0.501	11/27/2023	16:49
4	CCB1		1	100	100		1.76	0.000	0.000	0.000	-0.001	11/27/2023	16:50
5	RL Check	0.01	1	100	100		1.91	0.000	0.010	0.010	0.012	11/27/2023	16:51
6	LB128461BL		1	100	100		1.75	0.000	0.000	0.000	-0.001	11/27/2023	16:52
7	LB128461BS	0.5	1	100	100		1.92	0.000	0.393	0.393	0.502	11/27/2023	16:53
8	O5550-01		1	100	100		2.08	0.000	0.000	0.000	-0.001	11/27/2023	16:54
9	O5550-01DU		1	100	100		2.06	0.000	0.000	0.000	-0.001	11/27/2023	16:55
10	O5550-01MS	1	2	100	100		2.08	0.000	0.355	0.355	0.453	11/27/2023	16:56
11	O5550-01MS	1	2	100	100		2.10	0.000	0.359	0.359	0.458	11/27/2023	16:57
12	CCV2	0.5	1	100	100		1.94	0.000	0.392	0.392	0.501	11/27/2023	16:58
13	CCB2		1	100	100		1.76	0.000	0.000	0.000	-0.001	11/27/2023	16:59

WORKLIST(Hardcopy Internal Chain)

L6128461

WorkList Name : HEX W 11-27 **WorkList ID :** 175848 **Department :** Wet-Chemistry **Date :** 11-27-2023 09:18:25

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O5550-01	A591	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	L32	11/27/2023	SM3500-Cr B

Date/Time 11/27/2023 15:00
Raw Sample Received by: RY 4502
Raw Sample Relinquished by: RY 12/01

Date/Time 11/27/2023 16:00
Raw Sample Received by: 12/01
Raw Sample Relinquished by: RY 12/01