



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB127754

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP104647
Calibration Std. hexchrome 0.05 ppm	WP104641
calibration std. hexchrome 0.01 ppm	WP104636
calibration std. hexchrome 0 ppm	WP104633
hexavalent chromium color reagent	WP104544
0.2N SULFURIC ACID	WP103581
Calibration Std Hexachrome 0.025 ppm	WP104639
Hexavalent Chromium ICV-LCS Std	WP104650
Calibration and CCV std HexChrome 0.5PPM	WP104648
Calibration std HexChrome 1.0PPM	WP104649

Intercept: -0.0001

Slope: 0.7812

Regression: 0.999996

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		1.77	0.000	0.000	0.000	0.000		10/11/2023	16:40
2	CAL2	0.01	1	100	100		1.88	0.000	0.009	0.009	0.011	10	10/11/2023	16:41
3	CAL3	0.025	1	100	100		1.86	0.000	0.018	0.018	0.023	-8	10/11/2023	16:42
4	CAL4	0.05	1	100	100		1.88	0.000	0.039	0.039	0.050	0	10/11/2023	16:43
5	CAL5	0.1	1	100	100		1.87	0.000	0.078	0.078	0.099	-1	10/11/2023	16:44
6	CAL6	0.5	1	100	100		1.90	0.000	0.391	0.391	0.500	0	10/11/2023	16:45
7	CAL7	1	1	100	100		1.86	0.000	0.781	0.781	0.999	-0.1	10/11/2023	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		1.92	0.000	0.390	0.390	0.499	10/11/2023	16:47
2	ICB		1	100	100		1.79	0.000	0.000	0.000	0.000	10/11/2023	16:48
3	CCV1	0.5	1	100	100		1.94	0.000	0.391	0.391	0.501	10/11/2023	16:49
4	CCB1		1	100	100		1.77	0.000	0.000	0.000	0.000	10/11/2023	16:50
5	RL Check	0.01	1	100	100		1.91	0.000	0.009	0.009	0.012	10/11/2023	16:51
6	lb127754BL		1	100	100		1.78	0.000	0.000	0.000	0.000	10/11/2023	16:52
7	lb127754BS	0.5	1	100	100		1.91	0.000	0.403	0.403	0.516	10/11/2023	16:53
8	O4859-01		1	100	100		2.04	0.000	0.000	0.000	0.000	10/11/2023	16:54
9	O4859-01DU		1	100	100		2.06	0.000	0.000	0.000	0.000	10/11/2023	16:55
10	O4859-01MS	1	2	100	100		2.04	0.000	0.354	0.354	0.453	10/11/2023	16:56
11	O4859-01MS	1	2	100	100		2.08	0.000	0.359	0.359	0.460	10/11/2023	16:57
12	CCV2	0.5	1	100	100		1.93	0.000	0.390	0.390	0.499	10/11/2023	16:58
13	CCB2		1	100	100		1.76	0.000	0.000	0.000	0.000	10/11/2023	16:59

WORKLIST(Hardcopy Internal Chain)

061277521

WorkList Name : hex w-10-11 **WorkList ID :** 174498 **Department :** Wet-Chemistry **Date :** 10-11-2023 15:27:46

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O4859-01	SVS-GROUNDWATER	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	E31	10/11/2023	SM3500-Cr B

Date/Time 10/11/2023 15:00
 Raw Sample Received by: RAA cwc
 Raw Sample Relinquished by: 761 cwc

Date/Time 10/11/2023 17:00
 Raw Sample Received by: 761 cwc
 Raw Sample Relinquished by: RAA cwc