



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB127230

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP104103
Calibration Std. hexchrome 0.05 ppm	WP104102
calibration std. hexchrome 0.01 ppm	WP104100
calibration std. hexchrome 0 ppm	WP104099
hexavalent chromium color reagent	WP104081
0.2N SULFURIC ACID	WP103581
Calibration Std Hexachrome 0.025 ppm	WP104101
Hexavalent Chromium ICV-LCS Std	WP104106
Calibration and CCV std HexChrome 0.5PPM	WP104104
Calibration std HexChrome 1.0PPM	WP104105

Intercept: -0

Slope: 0.7816

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		1.78	0.000	0.000	0.000	0		09/11/2023	16:30
2	CAL2	0.01	1	100	100		1.87	0.000	0.009	0.009	0.011	10	09/11/2023	16:31
3	CAL3	0.025	1	100	100		1.88	0.000	0.018	0.018	0.023	-8	09/11/2023	16:32
4	CAL4	0.05	1	100	100		1.86	0.000	0.038	0.038	0.048	-4	09/11/2023	16:33
5	CAL5	0.1	1	100	100		1.86	0.000	0.079	0.079	0.101	1	09/11/2023	16:34
6	CAL6	0.5	1	100	100		1.90	0.000	0.392	0.392	0.501	0.2	09/11/2023	16:35
7	CAL7	1	1	100	100		1.88	0.000	0.781	0.781	0.999	-0.1	09/11/2023	16:36



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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		1.92	0.000	0.390	0.390	0.499	09/11/2023	16:37
2	ICB		1	100	100		1.79	0.000	0.000	0.000	0.000	09/11/2023	16:38
3	CCV1	0.5	1	100	100		1.93	0.000	0.392	0.392	0.502	09/11/2023	16:39
4	CCB1		1	100	100		1.76	0.000	0.000	0.000	0.000	09/11/2023	16:40
5	RL Check	0.01	1	100	100		1.91	0.000	0.009	0.009	0.012	09/11/2023	16:41
6	LB127230BL		1	100	100		1.80	0.000	0.000	0.000	0.000	09/11/2023	16:42
7	LB127230BS	0.5	1	100	100		1.79	0.000	0.402	0.402	0.514	09/11/2023	16:43
8	O4391-01		1	100	100		2.10	0.000	0.000	0.000	0.000	09/11/2023	16:44
9	O4391-01DU		1	100	100		2.12	0.000	0.000	0.000	0.000	09/11/2023	16:45
10	O4391-01MS	1	2	100	100		2.10	0.000	0.362	0.362	0.463	09/11/2023	16:46
11	O4391-01MS	1	2	100	100		2.12	0.000	0.376	0.376	0.481	09/11/2023	16:47
12	CCV2	0.5	1	100	100		1.94	0.000	0.390	0.390	0.499	09/11/2023	16:48
13	CCB2		1	100	100		1.77	0.000	0.000	0.000	0.000	09/11/2023	16:49

WORKLIST(Hardcopy Internal Chain)

66127230

WorkList Name : HEX W-9-11

WorkList ID : 173463

Department : Wet-Chemistry

Date : 09-11-2023 11:31:39

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O4391-01	GW-26-WEST-MAIN-STREET	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	N11	09/11/2023	SM3500-Cr B

Date/Time 09/11/2023 15:20
 Raw Sample Received by: RM
 Raw Sample Relinquished by: JHCOG

Date/Time 09/11/2023 16:30
 Raw Sample Received by: JHCOG
 Raw Sample Relinquished by: RM