

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB130346

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP107479
Calibration Std. hexchrome 0.05 ppm	WP107478
calibration std. hexchrome 0.01 ppm	WP107476
calibration std. hexchrome 0 ppm	WP107475
hexavalent chromium color reagent	WP107386
0.2N SULFURIC ACID	WP106542
Calibration Std Hexachrome 0.025 ppm	WP107477
Hexavalent Chromium ICV-LCS Std	WP107482
Calibration and CCV std HexChrome 0.5PPM	WP107480
Calibration std HexChrome 1.0PPM	WP107481

Intercept: 0.0004

Slope: 0.7795

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		1.76	0.000	0.000	0.000	-0.00		04/16/2024	17:20
2	CAL2	0.01	1	100	100		1.87	0.000	0.010	0.010	0.012	20	04/16/2024	17:21
3	CAL3	0.025	1	100	100		1.85	0.000	0.019	0.019	0.023	-8	04/16/2024	17:22
4	CAL4	0.05	1	100	100		1.86	0.000	0.039	0.039	0.049	-2	04/16/2024	17:23
5	CAL5	0.1	1	100	100		1.87	0.000	0.078	0.078	0.099	-1	04/16/2024	17:24
6	CAL6	0.5	1	100	100		1.90	0.000	0.390	0.390	0.499	-0.2	04/16/2024	17:25
7	CAL7	1	1	100	100		1.88	0.000	0.780	0.780	1.000	0	04/16/2024	17:26



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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	0.392	0.392	0.502	04/16/2024	17:27
2	ICB		1	100	100		1.75	0.000	0.000	0.000	-0.001	04/16/2024	17:28
3	CCV1	0.5	1	100	100		1.95	0.000	0.390	0.390	0.500	04/16/2024	17:29
4	CCB1		1	100	100		1.78	0.000	0.000	0.000	-0.001	04/16/2024	17:30
5	RL Check	0.01	1	100	100		1.91	0.000	0.010	0.010	0.012	04/16/2024	17:31
6	LB130346BL		1	100	100		1.74	0.000	0.000	0.000	-0.001	04/16/2024	17:32
7	LB130346BS	0.5	1	100	100		1.91	0.000	0.401	0.401	0.514	04/16/2024	17:33
8	P2151-01		1	100	100		2.08	0.000	0.000	0.000	-0.001	04/16/2024	17:34
9	P2151-01DU		1	100	100		2.10	0.000	0.000	0.000	-0.001	04/16/2024	17:35
10	P2151-01MS	1	2	100	100		2.10	0.000	0.352	0.352	0.451	04/16/2024	17:36
11	P2151-01MS	1	2	100	100		2.06	0.000	0.354	0.354	0.454	04/16/2024	17:37
12	CCV2	0.5	1	100	100		1.93	0.000	0.391	0.391	0.501	04/16/2024	17:38
13	CCB2		1	100	100		1.77	0.000	0.000	0.000	-0.001	04/16/2024	17:39

WORKLIST(Hardcopy Internal Chain)

66130346

WorkList Name : HEX-W-4-16

WorkList ID : 179462

Department : Wet-Chemistry

Date : 04-16-2024 15:04:29

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P2151-01	WATER-COMP	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	I51	04/16/2024	SM3500-Cr B

Date/Time 04/16/2024 15:50
Raw Sample Received by: RM
Raw Sample Relinquished by: JH CWC

Date/Time 04/16/2024 16:30
Raw Sample Received by: JH CWC
Raw Sample Relinquished by: RM CWC