

Analytical Summary Report

Analysis Method: ~~SM3500-Cr-B~~

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: ~~LB132227~~

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP109480
Calibration Std. hexchrome 0.05 ppm	WP109479
calibration std. hexchrome 0.01 ppm	WP109477
calibration std. hexchrome 0 ppm	WP109476
hexavalent chromium color reagent	WP109486
0.2N SULFURIC ACID	WP109325
HEX LOD STD, 0.005PPM	WP109484
Hex LOQ Std, 0.01PPM	WP109485
Calibration Std Hexachrome 0.025 ppm	WP109478
Hexavalent Chromium ICV-LCS Std	WP109483
Calibration and CCV std HexChrome 0.5PPM	WP109481
Calibration std HexChrome 1.0PPM	WP109482

Intercept: 0.0004

Slope: 0.7819

Regression: 0.999995

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	-0.00		08/30/2024	11:00
2	CAL2	0.01	1	100	100		1.90	0.000	0.010	0.010	0.012	20	08/30/2024	11:01
3	CAL3	0.025	1	100	100		1.88	0.000	0.019	0.019	0.023	-8	08/30/2024	11:02
4	CAL4	0.05	1	100	100		1.85	0.000	0.039	0.039	0.049	-2	08/30/2024	11:03
5	CAL5	0.1	1	100	100		1.86	0.000	0.078	0.078	0.099	-1	08/30/2024	11:04
6	CAL6	0.5	1	100	100		1.91	0.000	0.392	0.392	0.500	0	08/30/2024	11:05
7	CAL7	1	1	100	100		1.88	0.000	0.782	0.782	0.999	-0.1	08/30/2024	11:06

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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	0.390	0.390	0.498	08/30/2024	11:07
2	ICB		1	100	100		1.80	0.000	0.000	0.000	-0.001	08/30/2024	11:08
3	CCV1	0.5	1	100	100		1.96	0.000	0.391	0.391	0.500	08/30/2024	11:09
4	CCB1		1	100	100		1.77	0.000	0.000	0.000	-0.001	08/30/2024	11:10
5	RL Check	0.01	1	100	100		1.93	0.000	0.009	0.009	0.011	08/30/2024	11:11
6	LB132227BL		1	100	100		1.85	0.000	0.000	0.000	-0.001	08/30/2024	11:12
7	LB132227BS	0.5	1	100	100		1.92	0.000	0.390	0.390	0.498	08/30/2024	11:13
8	P3390-10		1	100	100		2.00	0.000	0.004	0.004	0.005	08/30/2024	11:14
9	P3390-11		1	100	100		2.02	0.000	0.007	0.007	0.008	08/30/2024	11:15
10	P3799-07		1	100	100		2.06	0.000	0.000	0.000	-0.001	08/30/2024	11:16
11	P3799-07DU		1	100	100		2.04	0.000	0.000	0.000	-0.001	08/30/2024	11:17
12	P3799-07MS	1	2	100	100		2.10	0.000	0.381	0.381	0.487	08/30/2024	11:18
13	P3799-07MS	1	2	100	100		2.06	0.000	0.383	0.383	0.489	08/30/2024	11:19
14	P3799-08		1	100	100		2.10	0.000	0.000	0.000	-0.001	08/30/2024	11:20
15	P3799-09		1	100	100		2.06	0.000	0.000	0.000	-0.001	08/30/2024	11:21
16	CCV2	0.5	1	100	100		1.92	0.000	0.390	0.390	0.498	08/30/2024	11:22
17	CCB2		1	100	100		1.74	0.000	0.000	0.000	-0.001	08/30/2024	11:23

WORKLIST(Hardcopy Internal Chain)

66132227

WorkList Name : HEX W-8-24 WorkList ID : 183061 Department : Wet-Chemistry Date : 08-29-2024 16:15:04

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P3390-10	LOD-MDL-WATER-04-QT3-202	Water	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Of	07/29/2024	SM3500-Cr B
P3390-11	LOQ-WATER-05-QT3-2024	Water	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Of	07/29/2024	SM3500-Cr B
P3799-07	WELL-1	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	H53	08/29/2024	SM3500-Cr B
P3799-08	WELL-2	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	H53	08/29/2024	SM3500-Cr B
P3799-09	WELL-4	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	H53	08/29/2024	SM3500-Cr B

Date/Time 08/30/2024 08:00
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: RM CWC

Date/Time 08/30/2024 11:00
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: RM CWC