

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132600

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP109901
Calibration Std. hexchrome 0.05 ppm	WP109900
calibration std. hexchrome 0.01 ppm	WP109898
calibration std. hexchrome 0 ppm	WP109897
hexavalent chromium color reagent	WP109886
0.2N SULFURIC ACID	WP109325
Calibration Std Hexachrome 0.025 ppm	WP109899
Hexavalent Chromium ICV-LCS Std	WP109904
Calibration and CCV std HexChrome 0.5PPM	WP109902
Calibration std HexChrome 1.0PPM	WP109903

Intercept: 0.0003

Slope: 0.7805

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		1.79	0.000	0.000	0.000	-0.00		09/25/2024	16:30
2	CAL2	0.01	1	100	100		1.86	0.000	0.010	0.010	0.012	20	09/25/2024	16:31
3	CAL3	0.025	1	100	100		1.88	0.000	0.019	0.019	0.023	-8	09/25/2024	16:32
4	CAL4	0.05	1	100	100		1.85	0.000	0.038	0.038	0.048	-4	09/25/2024	16:33
5	CAL5	0.1	1	100	100		1.89	0.000	0.079	0.079	0.100	0	09/25/2024	16:34
6	CAL6	0.5	1	100	100		1.88	0.000	0.390	0.390	0.499	-0.2	09/25/2024	16:35
7	CAL7	1	1	100	100		1.84	0.000	0.781	0.781	1.000	0	09/25/2024	16:36



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132600

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		1.89	0.000	0.392	0.392	0.502	09/25/2024	16:37
2	ICB		1	100	100		1.81	0.000	0.000	0.000	0.000	09/25/2024	16:38
3	CCV1	0.5	1	100	100		1.93	0.000	0.392	0.392	0.502	09/25/2024	16:39
4	CCB1		1	100	100		1.77	0.000	0.000	0.000	0.000	09/25/2024	16:40
5	RL Check	0.01	1	100	100		1.90	0.000	0.009	0.009	0.011	09/25/2024	16:41
6	lb132600BL		1	100	100		1.74	0.000	0.000	0.000	0.000	09/25/2024	16:42
7	lb132600BS	0.5	1	100	100		1.92	0.000	0.401	0.401	0.513	09/25/2024	16:43
8	P4189-07		1	100	100		2.12	0.001	0.001	0.000	0.000	09/25/2024	16:44
9	P4189-07DU		1	100	100		2.10	0.001	0.001	0.000	0.000	09/25/2024	16:45
10	P4189-07MS	1	2	100	100		2.06	0.000	0.392	0.392	0.502	09/25/2024	16:46
11	P4189-07MS	1	2	100	100		2.12	0.000	0.390	0.390	0.499	09/25/2024	16:47
12	P4194-01		1	100	100		2.06	0.000	0.000	0.000	0.000	09/25/2024	16:48
13	CCV2	0.5	1	100	100		1.91	0.000	0.392	0.392	0.502	09/25/2024	16:49
14	CCB2		1	100	100		1.76	0.000	0.000	0.000	0.000	09/25/2024	16:50

WORKLIST(Hardcopy Internal Chain)

6132600

WorkList Name : hex w-24

WorkList ID : 183822

Department : Wet-Chemistry

Date : 09-25-2024 14:21:26

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4189-07	14B-(1-4)-COMP	Water	Hexavalent Chromium	Ammonium sulfate buffer	NEWY17	J41	09/25/2024	SM3500-Cr B
P4194-01	MANHOLE-119-KEARNY	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	J51	09/25/2024	SM3500-Cr B

Date/Time 09/25/2024 14:50
Raw Sample Received by: RIT CWG
Raw Sample Relinquished by: RIT CWG

Date/Time 09/25/2024 15:30
Raw Sample Received by: RIT CWG
Raw Sample Relinquished by: RIT CWG