

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB130944

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP108180
Calibration Std. hexchrome 0.05 ppm	WP108179
calibration std. hexchrome 0.01 ppm	WP108177
calibration std. hexchrome 0 ppm	WP108176
hexavalent chromium color reagent	WP108094
0.2N SULFURIC ACID	WP106542
HEX LOD STD, 0.005PPM	WP108184
Calibration Std Hexachrome 0.025 ppm	WP108178
Hexavalent Chromium ICV-LCS Std	WP108183
Calibration and CCV std HexChrome 0.5PPM	WP108181
Calibration std HexChrome 1.0PPM	WP108182

Intercept: -0.0001

Slope: 0.7825

Regression: 0.999994

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	0.000		05/28/2024	13:40
2	CAL2	0.01	1	100	100		1.85	0.000	0.009	0.009	0.011	10	05/28/2024	13:41
3	CAL3	0.025	1	100	100		1.87	0.000	0.018	0.018	0.023	-8	05/28/2024	13:42
4	CAL4	0.05	1	100	100		1.88	0.000	0.038	0.038	0.048	-4	05/28/2024	13:43
5	CAL5	0.1	1	100	100		1.84	0.000	0.079	0.079	0.101	1	05/28/2024	13:44
6	CAL6	0.5	1	100	100		1.88	0.000	0.392	0.392	0.501	0.2	05/28/2024	13:45
7	CAL7	1	1	100	100		1.86	0.000	0.782	0.782	0.999	-0.1	05/28/2024	13:46



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB130944

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		1.91	0.000	0.390	0.390	0.499	05/28/2024	13:47
2	ICB		1	100	100		1.76	0.000	0.000	0.000	0.000	05/28/2024	13:48
3	CCV1	0.5	1	100	100		1.93	0.000	0.392	0.392	0.501	05/28/2024	13:49
4	CCB1		1	100	100		1.78	0.000	0.000	0.000	0.000	05/28/2024	13:50
5	RL Check	0.01	1	100	100		1.90	0.000	0.009	0.009	0.012	05/28/2024	13:51
6	LB130944BL		1	100	100		1.74	0.000	0.000	0.000	0.000	05/28/2024	13:52
7	LB130944BS	0.5	1	100	100		1.90	0.000	0.400	0.400	0.511	05/28/2024	13:53
8	P2403-12		1	100	100		2.00	0.000	0.004	0.004	0.005	05/28/2024	13:54
9	P2636-01		1	100	100		2.04	0.000	0.000	0.000	0.000	05/28/2024	13:55
10	P2636-01DU		1	100	100		2.10	0.000	0.000	0.000	0.000	05/28/2024	13:56
11	P2636-01MS	1	2	100	100		2.06	0.000	0.387	0.387	0.495	05/28/2024	13:57
12	P2636-01MS	1	2	100	100		2.08	0.000	0.389	0.389	0.497	05/28/2024	13:58
13	CCV2	0.5	1	100	100		1.92	0.000	0.391	0.391	0.500	05/28/2024	13:59
14	CCB2		1	100	100		1.77	0.000	0.000	0.000	0.000	05/28/2024	14:00

WORKLIST(Hardcopy Internal Chain)

6130944

WorkList Name : HEX5-28

WorkList ID : 180589

Department : Wet-Chemistry

Date : 05-28-2024 12:29:57

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P2403-12	MDL-WATER-06-QT2-2024	Water	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Of	05/07/2024	SM3500-Cr B
P2636-01	TOTE-COMP	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	K21	05/28/2024	SM3500-Cr B

Date/Time 05/28/2024 12:35
 Raw Sample Received by: RM CWL
 Raw Sample Relinquished by: RM CWL

Date/Time 05/28/2024 13:15
 Raw Sample Received by: RM CWL
 Raw Sample Relinquished by: RM CWL