

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB124004

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP100938
Calibration Std. hexchrome 0.05 ppm	WP100937
calibration std. hexchrome 0.01 ppm	WP100935
calibration std. hexchrome 0 ppm	WP100934
hexavalent chromium color reagent	WP100933
0.2N SULFURIC ACID	WP100769
Calibration Std Hexachrome 0.025 ppm	WP100936
Hexavalent Chromium ICV-LCS Std	WP100941
Calibration and CCV std HexChrome 0.5PPM	WP100939
Calibration std HexChrome 1.0PPM	WP100940

Intercept: -0.0009

Slope: 0.7811

Regression: 0.999997

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		2.08	0.000	0.000	0.000	0.001		02/09/2023	09:00
2	CAL2	0.01	1	100	100		1.96	0.000	0.006	0.006	0.008	-20	02/09/2023	09:01
3	CAL3	0.025	1	100	100		2.10	0.000	0.018	0.018	0.024	-4	02/09/2023	09:02
4	CAL4	0.05	1	100	100		2.18	0.000	0.038	0.038	0.049	-2	02/09/2023	09:03
5	CAL5	0.1	1	100	100		1.96	0.000	0.078	0.078	0.101	1	02/09/2023	09:04
6	CAL6	0.5	1	100	100		1.85	0.000	0.390	0.390	0.500	0	02/09/2023	09:05
7	CAL7	1	1	100	100		2.22	0.000	0.780	0.780	0.999	-0.1	02/09/2023	09:06



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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		2.08	0.000	0.390	0.390	0.500	02/09/2023	09:07
2	ICB		1	100	100		1.88	0.000	0.001	0.001	0.002	02/09/2023	09:08
3	CCV1	0.5	1	100	100		1.98	0.000	0.391	0.391	0.502	02/09/2023	09:09
4	CCB1		1	100	100		2.14	0.000	0.001	0.001	0.002	02/09/2023	09:10
5	RL Check	0.01	1	100	100		2.22	0.000	0.008	0.008	0.011	02/09/2023	09:11
6	lb124004BL		1	100	100		2.08	0.000	0.001	0.001	0.002	02/09/2023	19:12
7	lb124004BS	0.5	1	100	100		1.85	0.000	0.391	0.391	0.502	02/09/2023	09:13
8	O1493-02		1	100	100		2.06	0.001	0.002	0.001	0.002	02/09/2023	09:14
9	O1493-02DU		1	100	100		1.98	0.001	0.002	0.001	0.002	02/09/2023	09:15
10	O1493-02MS	1	2	100	100		2.20	0.000	0.378	0.378	0.485	02/09/2023	09:16
11	O1493-02MS	1	2	100	100		2.08	0.000	0.372	0.372	0.477	02/09/2023	09:17
12	CCV2	0.5	1	100	100		1.70	0.000	0.390	0.390	0.500	02/09/2023	09:18
13	CCB2		1	100	100		2.08	0.000	0.001	0.001	0.002	02/09/2023	09:19

WORKLIST(Hardcopy Internal Chain)

66124004

WorkList Name : HEX W 2-8

WorkList ID : 167236

Department : Wet-Chemistry

Date : 02-08-2023 16:46:25

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
02/15/2023	Water	O1493-02	Hexavalent Chromium	Ammonium sul	PSEG04	F22	402	02/08/2023	SM3500-Cr B

Date/Time 02/09/2023 08:16:00
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: CP SM

Date/Time 02/09/2023 09:12:00
 Raw Sample Received by: CP SM
 Raw Sample Relinquished by: RM CWC