CHEMTECH

Analytical Summary Report

Analysis Method: SM3500-Cr B
ANALYST: Rubina
Parameter: Hexavalent Chromium
SUPERVISOR REVIEW BY: Iwona
Run Number: LB124281
pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP101222
Calibration Std. hexchrome 0.05 ppm	WP101221
calibration std. hexchrome 0.01 ppm	WP101219
calibration std. hexchrome 0 ppm	WP101218
hexavalent chromium color reagent	WP101197
0.2N SULFURIC ACID	WP100769
HEX LOD STD, 0.005PPM	WP101226
Hex LOQ Std, 0.01PPM	WP101227
Calibration Std Hexachrome 0.025 ppm	WP101220
Hexavalent Chromium ICV-LCS Std	WP101225
Calibration and CCV std HexChrome 0.5PPM	WP101223
Calibration std HexChrome 1.0PPM	WP101224

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		1.96	0.000	0.000	0.000	0.001		02/27/2023	16:10
2	CAL2	0.01	1	100	100		1.88	0.000	0.006	0.006	0.008	-20	02/27/2023	16:11
3	CAL3	0.025	1	100	100		1.98	0.000	0.018	0.018	0.024	-4	02/27/2023	16:12
4	CAL4	0.05	1	100	100		2.06	0.000	0.038	0.038	0.049	-2	02/27/2023	16:13
5	CAL5	0.1	1	100	100		2.10	0.000	0.078	0.078	0.101	1	02/27/2023	16:14
6	CAL6	0.5	1	100	100		2.08	0.000	0.390	0.390	0.500	0	02/27/2023	16:15
7	CAL7	1	1	100	100		1.85	0.000	0.780	0.780	0.999	-0.1	02/27/2023	16:16

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Parameter: Hexavalent Chromium

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Run Number: LB124281

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		2.10	0.000	0.391	0.391	0.502	02/27/2023	16:17
2	ICB		1	100	100		1.96	0.000	0.001	0.001	0.002	02/27/2023	16:18
3	CCV1	0.5	1	100	100		2.08	0.000	0.390	0.390	0.500	02/27/2023	16:19
4	CCB1		1	100	100		2.22	0.000	0.001	0.001	0.002	02/27/2023	16:20
5	RL Check	0.01	1	100	100		2.08	0.000	0.009	0.009	0.013	02/27/2023	16:21
6	lb124281BL		1	100	100		1.96	0.000	0.000	0.000	0.001	02/27/2023	16:22
7	lb124281BS	0.5	1	100	100		2.10	0.000	0.412	0.412	0.529	02/27/2023	16:23
8	O1627-10		1	100	100		2.08	0.000	0.004	0.004	0.006	02/27/2023	16:24
9	O1627-11		1	100	100		2.06	0.000	0.006	0.006	0.009	02/27/2023	16:25
10	O1727-04		1	100	100		2.14	0.037	0.037	0.000	0.001	02/27/2023	16:26
11	O1727-04DU		1	100	100		2.12	0.037	0.037	0.000	0.001	02/27/2023	16:27
12	O1727-04MS	1	2	100	100		2.08	0.035	0.419	0.384	0.493	02/27/2023	16:28
13	O1727-04MS	1	2	100	100		2.18	0.036	0.421	0.385	0.494	02/27/2023	16:29
14	CCV2	0.5	1	100	100		1.96	0.000	0.391	0.391	0.502	02/27/2023	16:30
15	CCB2		1	100	100		1.85	0.000	0.001	0.001	0.002	02/27/2023	16:31

WORKLIST(Hardcopy Internal Chain)

L6124281

WorkList Name : hex w 2-24 **WorkList ID :** 167667 **Department :** Wet-Chemistry **Date :** 02-24-2023 13:42:19

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
03/10/2023	Water	O1701-03	Hexavalent Chromium	Ammonium sul	PORT06	E12	B-13-GW01	02/23/2023	7196A
03/10/2023	Water	O1701-04	Hexavalent Chromium	Ammonium sul	PORT06	E12	B-13-GW02	02/23/2023	7196A
03/10/2023	Water	O1701-05	Hexavalent Chromium	Ammonium sul	PORT06	E12	EB-2023-2-24	02/24/2023	7196A

Date/Time 02/27/2023 15:10
Raw Sample Received by: RM (WC)
Raw Sample Relinquished by: [illegible]

Date/Time 02/27/2023 15:55
Raw Sample Received by: [illegible]
Raw Sample Relinquished by: RM (WC)