



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB124181

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP101099
Calibration Std. hexchrome 0.05 ppm	WP101098
calibration std. hexchrome 0.01 ppm	WP101091
calibration std. hexchrome 0 ppm	WP101085
hexavalent chromium color reagent	WP101071
5N sulfuric acid	WP99758
HEX LOD STD, 0.005PPM	WP101114
Hex LOQ Std, 0.01PPM	WP101115
Calibration Std Hexachrome 0.025 ppm	WP101095
Hexavalent Chromium ICV-LCS Std	WP101102
Calibration and CCV std HexChrome 0.5PPM	WP101100
Calibration std HexChrome 1.0PPM	WP101101

Intercept: -0.0007

Slope: 0.7809

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		1.96	0.000	0.000	0.000	0.000		02/21/2023	16:45
2	CAL2	0.01	1	100	100		2.08	0.000	0.006	0.006	0.008	-20	02/21/2023	16:46
3	CAL3	0.025	1	100	100		2.08	0.000	0.018	0.018	0.023	-8	02/21/2023	16:47
4	CAL4	0.05	1	100	100		2.08	0.000	0.038	0.038	0.049	-2	02/21/2023	16:48
5	CAL5	0.1	1	100	100		2.06	0.000	0.079	0.079	0.102	2	02/21/2023	16:49
6	CAL6	0.5	1	100	100		1.88	0.000	0.390	0.390	0.500	0	02/21/2023	16:50
7	CAL7	1	1	100	100		2.12	0.000	0.780	0.780	0.999	-0.1	02/21/2023	16:51



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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		1.88	0.000	0.391	0.391	0.502	02/21/2023	16:52
2	ICB		1	100	100		1.98	0.000	0.001	0.001	0.002	02/21/2023	16:53
3	CCV1	0.5	1	100	100		2.10	0.000	0.392	0.392	0.503	02/21/2023	16:54
4	CCB1		1	100	100		2.08	0.000	0.001	0.001	0.002	02/21/2023	16:55
5	RL Check	0.01	1	100	100		2.06	0.000	0.009	0.009	0.012	02/21/2023	16:56
6	lb124181BL		1	100	100		1.85	0.000	0.001	0.001	0.002	02/21/2023	16:57
7	lb124181BS	0.5	1	100	100		2.18	0.000	0.391	0.391	0.502	02/21/2023	16:58
8	O1627-07		1	100	100		2.22	0.000	0.004	0.004	0.006	02/21/2023	16:59
9	O1627-08		1	100	100		2.20	0.000	0.007	0.007	0.010	02/21/2023	17:00
10	O1641-01		1	100	100		2.28	0.020	0.020	0.000	0.001	02/21/2023	17:01
11	O1641-01DU		1	100	100		2.26	0.019	0.019	0.000	0.001	02/21/2023	17:02
12	O1641-01MS	1	2	100	100		2.18	0.020	0.397	0.377	0.484	02/21/2023	17:03
13	O1641-01MS	1	2	100	100		2.08	0.020	0.395	0.375	0.481	02/21/2023	17:04
14	CCV2	0.5	1	100	100		2.08	0.000	0.391	0.391	0.502	02/21/2023	17:05
15	CCB2		1	100	100		1.96	0.000	0.001	0.001	0.002	02/21/2023	17:06

WORKLIST(Hardcopy Internal Chain)

LB/24181

WorkList Name : hex w 02-21 WorkList ID : 167554 Department : Wet-Chemistry Date : 02-21-2023 10:15:25

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
03/13/2023	Water	O1627-07	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA OI	LOD-MDL-WATER-01-QT1-2023	02/21/2023	7196A
03/13/2023	Water	O1627-08	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA OI	LOQ-WATER-02-QT1-2023	02/21/2023	7196A
03/06/2023	Water	O1641-01	Hexavalent Chromium	Ammonium sul:	PORT06	K52	B-26-GW01	02/21/2023	7196A

Date/Time 02/21/2023 16:15
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: PCWC

Date/Time 02/21/2023 17:15
 Raw Sample Received by: PCWC
 Raw Sample Relinquished by: RM CWC