

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB124248

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP101186
Calibration Std. hexchrome 0.05 ppm	WP101182
calibration std. hexchrome 0.01 ppm	WP101180
calibration std. hexchrome 0 ppm	WP101179
hexavalent chromium color reagent	WP101197
5N sulfuric acid	WP99758
Calibration Std Hexachrome 0.025 ppm	WP101181
Hexavalent Chromium ICV-LCS Std	WP101195
Calibration and CCV std HexChrome 0.5PPM	WP101190
Calibration std HexChrome 1.0PPM	WP101193

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		02/24/2023	16:10
2	CAL2	0.01	1	100	100		2.08	0.000	0.006	0.006	0.008	-20	02/24/2023	16:11
3	CAL3	0.025	1	100	100		2.08	0.000	0.018	0.018	0.023	-8	02/24/2023	16:12
4	CAL4	0.05	1	100	100		1.98	0.000	0.038	0.038	0.049	-2	02/24/2023	16:13
5	CAL5	0.1	1	100	100		1.85	0.000	0.079	0.079	0.102	2	02/24/2023	16:14
6	CAL6	0.5	1	100	100		1.88	0.000	0.390	0.390	0.500	0	02/24/2023	16:15
7	CAL7	1	1	100	100		2.10	0.000	0.780	0.780	0.999	-0.1	02/24/2023	16:16



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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	0.391	0.391	0.502	02/24/2023	16:17
2	ICB		1	100	100		2.06	0.000	0.001	0.001	0.002	02/24/2023	16:18
3	CCV1	0.5	1	100	100		1.85	0.000	0.392	0.392	0.503	02/24/2023	16:19
4	CCB1		1	100	100		2.08	0.000	0.001	0.001	0.002	02/24/2023	16:20
5	RL Check	0.01	1	100	100		1.88	0.000	0.009	0.009	0.012	02/24/2023	16:21
6	lb124248BL		1	100	100		1.98	0.000	0.001	0.001	0.002	02/24/2023	16:22
7	lb124248BS	0.5	1	100	100		2.12	0.000	0.391	0.391	0.502	02/24/2023	16:23
8	O1701-03		1	100	100		2.18	0.036	0.036	0.000	0.001	02/24/2023	16:24
9	O1701-04		1	100	100		2.08	0.037	0.037	0.000	0.001	02/24/2023	16:25
10	O1701-05		1	100	100		2.08	0.003	0.004	0.001	0.002	02/24/2023	16:26
11	O1701-05DU		1	100	100		2.08	0.002	0.002	0.000	0.001	02/24/2023	16:27
12	O1701-05MS	1	2	100	100		1.88	0.001	0.376	0.375	0.481	02/24/2023	16:28
13	O1701-05MS	1	2	100	100		1.96	0.002	0.382	0.380	0.488	02/24/2023	16:29
14	CCV2	0.5	1	100	100		1.96	0.000	0.392	0.392	0.503	02/24/2023	16:30
15	CCB2		1	100	100		1.88	0.000	0.001	0.001	0.002	02/24/2023	16:31

WORKLIST(Hardcopy Internal Chain)

66124248

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-2023-2-26	02/24/2023	7196A

Date/Time 02/24/2023 15:30
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: 70 CWC

Date/Time 02/24/2023 16:40
 Raw Sample Received by: 70 CWC
 Raw Sample Relinquished by: RM CWC