



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB124374

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP101317
Calibration Std. hexchrome 0.05 ppm	WP101316
calibration std. hexchrome 0.01 ppm	WP101314
calibration std. hexchrome 0 ppm	WP101313
hexavalent chromium color reagent	WP101305
5N sulfuric acid	WP99758
Calibration Std Hexachrome 0.025 ppm	WP101315
Hexavalent Chromium ICV-LCS Std	WP101320
Calibration and CCV std HexChrome 0.5PPM	WP101318
Calibration std HexChrome 1.0PPM	WP101319

Intercept: -0.0005

Slope: 0.7807

Regression: 0.999996

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		03/06/2023	09:00
2	CAL2	0.01	1	100	100		2.06	0.000	0.007	0.007	0.009	-10	03/06/2023	09:01
3	CAL3	0.025	1	100	100		2.04	0.000	0.018	0.018	0.023	-8	03/06/2023	09:02
4	CAL4	0.05	1	100	100		1.96	0.000	0.038	0.038	0.049	-2	03/06/2023	09:03
5	CAL5	0.1	1	100	100		1.90	0.000	0.079	0.079	0.101	1	03/06/2023	09:04
6	CAL6	0.5	1	100	100		1.96	0.000	0.390	0.390	0.500	0	03/06/2023	09:05
7	CAL7	1	1	100	100		2.02	0.000	0.780	0.780	0.999	-0.1	03/06/2023	09:06



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Run Number: LB124374

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	0.501	03/06/2023	09:07
2	ICB		1	100	100		1.85	0.000	0.001	0.001	0.002	03/06/2023	09:08
3	CCV1	0.5	1	100	100		2.08	0.000	0.392	0.392	0.503	03/06/2023	09:09
4	CCB1		1	100	100		1.88	0.000	0.001	0.001	0.002	03/06/2023	09:10
5	RL Check	0.01	1	100	100		1.96	0.000	0.009	0.009	0.012	03/06/2023	09:11
6	lb124374BL		1	100	100		1.80	0.000	0.001	0.001	0.002	03/06/2023	09:12
7	lb124374BS	0.5	1	100	100		2.10	0.000	0.427	0.427	0.548	03/06/2023	09:13
8	O1812-01		1	100	100		2.02	0.002	0.002	0.000	0.001	03/06/2023	09:14
9	O1812-01DU		1	100	100		2.02	0.002	0.002	0.000	0.001	03/06/2023	09:15
10	O1812-01MS	1	2	100	100		2.04	0.001	0.420	0.419	0.537	03/06/2023	09:16
11	O1812-01MS	1	2	100	100		2.06	0.001	0.412	0.411	0.527	03/06/2023	09:17
12	CCV2	0.5	1	100	100		2.08	0.000	0.391	0.391	0.501	03/06/2023	09:18
13	CCB2		1	100	100		1.84	0.000	0.001	0.001	0.002	03/06/2023	09:19

WORKLIST(Hardcopy Internal Chain)

66124374

WorkList Name : hex w 3-

WorkList ID : 167910

Department : Wet-Chemistry

Date : 03-03-2023 17:09:13

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
03/17/2023	Water	O1812-01	Hexavalent Chromium	Ammonium sul	AQUA04	E31	20230161-SITE-WATER	03/01/2023	7196A

Date/Time 03/03/2023 15:15
 Raw Sample Received by: RM CWG
 Raw Sample Relinquished by: CP Sun

Date/Time 03/06/2023 09:40
 Raw Sample Received by: CP Sun
 Raw Sample Relinquished by: RM CWG