



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB124139

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP101067
Calibration Std. hexchrome 0.05 ppm	WP101066
calibration std. hexchrome 0.01 ppm	WP101064
calibration std. hexchrome 0 ppm	WP101063
hexavalent chromium color reagent	WP101071
5N sulfuric acid	WP99758
Hexchrome Cleaning Solution	WP100882
Calibration Std Hexachrome 0.025 ppm	WP101065
Hexavalent Chromium ICV-LCS Std	WP101070
Calibration and CCV std HexChrome 0.5PPM	WP101068
Calibration std HexChrome 1.0PPM	WP101069

Intercept: -0.0006

Slope: 0.7812

Regression: 0.999994

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		02/17/2023	16:50
2	CAL2	0.01	1	100	100		1.85	0.000	0.006	0.006	0.008	-20	02/17/2023	16:51
3	CAL3	0.025	1	100	100		2.08	0.000	0.018	0.018	0.023	-8	02/17/2023	16:52
4	CAL4	0.05	1	100	100		2.10	0.000	0.038	0.038	0.049	-2	02/17/2023	16:53
5	CAL5	0.1	1	100	100		1.96	0.000	0.079	0.079	0.101	1	02/17/2023	16:54
6	CAL6	0.5	1	100	100		1.80	0.000	0.391	0.391	0.501	0.2	02/17/2023	16:55
7	CAL7	1	1	100	100		1.92	0.000	0.780	0.780	0.999	-0.1	02/17/2023	16:56



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Run Number: LB124139

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	0.501	02/17/2023	16:57
2	ICB		1	100	100		1.96	0.000	0.001	0.001	0.002	02/17/2023	16:58
3	CCV1	0.5	1	100	100		2.14	0.000	0.392	0.392	0.503	02/17/2023	16:59
4	CCB1		1	100	100		1.85	0.000	0.001	0.001	0.002	02/17/2023	17:00
5	RL Check	0.01	1	100	100		2.10	0.000	0.009	0.009		02/17/2023	17:01
6	lb124139BL		1	100	100		1.80	0.000	0.001	0.001	0.002	02/17/2023	17:02
7	lb124139BS	0.5	1	100	100		2.18	0.000	0.391	0.391	0.501	02/17/2023	17:03
8	O1611-03		1	100	100		2.08	0.000	0.000	0.000	0.001	02/17/2023	17:04
9	O1611-03DU		1	100	100		2.08	0.000	0.000	0.000	0.001	02/17/2023	17:05
10	O1611-03MS	1	2	100	100		2.18	0.014	0.394	0.380	0.487	02/17/2023	17:06
11	O1611-03MS	1	2	100	100		2.12	0.000	0.415	0.415	0.532	02/17/2023	17:07
12	CCV2	0.5	1	100	100		2.06	0.000	0.391	0.391	0.501	02/17/2023	17:08
13	CCB2		1	100	100		1.96	0.000	0.001	0.001	0.002	02/17/2023	17:09

WORKLIST(Hardcopy Internal Chain)

WorkList Name : hex c w2-17

WorkList ID : 167483

Department : Wet-Chemistry

Date : 02-17-2023 16:29:44

66124139

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
03/03/2023	Water	O1611-03	Hexavalent Chromium	Ammonium sul	PORT06	G51	EB-2023-2-17	02/17/2023	7196A

Date/Time 02/17/2023 16:25
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: CP Cam

Date/Time 02/17/2023 17:20
 Raw Sample Received by: CP Cam
 Raw Sample Relinquished by: RM CWC