



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Iwona

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB119646

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP96295
Calibration Std. hexchrome 0.05 ppm	WP96294
calibration std. hexchrome 0.01 ppm	WP96292
calibration std. hexchrome 0 ppm	WP96291
hexavalent chromium color reagent	WP96250
5N sulfuric acid	WP93692
Calibration Std Hexachrome 0.025 ppm	WP96293
Hexavalent Chromium ICV-LCS Std	WP96298
Calibration and CCV std HexChrome 0.5PPM	WP96296
Calibration std HexChrome 1.0PPM	WP96297

Intercept: -0.0003

Slope: 0.7842

Regression: 0.999988

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		2.14	0.000	0.000	0.000	0.000		04/12/2022	10:45
2	CAL2	0.01	1	100	100		2.09	0.000	0.006	0.006	0.008	20	04/12/2022	10:46
3	CAL3	0.025	1	100	100		2.30	0.000	0.019	0.019	0.024	4	04/12/2022	10:47
4	CAL4	0.05	1	100	100		1.95	0.000	0.038	0.038	0.048	4	04/12/2022	10:48
5	CAL5	0.1	1	100	100		1.88	0.000	0.081	0.081	0.103	-3	04/12/2022	10:49
6	CAL6	0.5	1	100	100		1.79	0.000	0.391	0.391	0.498	0.4	04/12/2022	10:50
7	CAL7	1	1	100	100		2.08	0.000	0.784	0.784	1.000	0	04/12/2022	10:51



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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		1.63	0.000	0.408	0.408	0.521	04/12/2022	10:52
2	ICB		1	100	100		2.08	0.000	0.000	0.000	0.000	04/12/2022	10:53
3	CCV1	0.5	1	100	100		2.43	0.000	0.393	0.393	0.502	04/12/2022	10:54
4	CCB1		1	100	100		1.87	0.000	0.001	0.001	0.002	04/12/2022	10:55
5	RL Check	0.01	1	100	100		1.90	0.000	0.006	0.006	0.008	04/12/2022	10:56
6	LB119646BL		1	100	100		2.36	0.000	0.000	0.000	0.000	04/12/2022	10:57
7	LB119646BS	0.5	1	100	100		2.28	0.000	0.414	0.414	0.528	04/12/2022	10:58
8	N2340-11		1	100	100		1.77	0.038	0.038	0.000	0.000	04/12/2022	10:59
9	N2340-11DU		1	100	100		1.65	0.037	0.038	0.001	0.002	04/12/2022	11:00
10	N2340-11MS	1	2	100	100		2.08	0.036	0.433	0.397	0.507	04/12/2022	11:01
11	N2340-11MS	1	2	100	100		2.41	0.037	0.431	0.394	0.503	04/12/2022	11:02
12	CCV2	0.5	1	100	100		1.59	0.000	0.401	0.401	0.512	04/12/2022	11:03
13	CCB2		1	100	100		2.31	0.000	0.001	0.001	0.002	04/12/2022	11:04

WORKLIST(Hardcopy Internal Chain)

LB119646

WorkList Name : HEX-041122-W WorkList ID : 158576 Department : Wet-Chemistry Date : 04-11-2022 11:48:39

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
04/22/2022	Water	N2340-11	Hexavalent Chromium	Ammonium sul	LIRO01	N13	TWP-08	04/07/2022	7196A

Date/Time 4/12/22 10:00
 Raw Sample Received by: 12 (WC)
 Raw Sample Relinquished by: 12 (WC)

Date/Time 4/12/22 11:20
 Raw Sample Received by: 12 (WC)
 Raw Sample Relinquished by: 12 (WC)