

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Iwona

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: apatel

Run Number: LB119409

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP96049
Calibration Std. hexchrome 0.05 ppm	WP96048
calibration std. hexchrome 0.01 ppm	WP96046
calibration std. hexchrome 0 ppm	WP96045
hexavalent chromium color reagent	WP95917
5N sulfuric acid	WP93692
Calibration Std Hexachrome 0.025 ppm	WP96047
Hexavalent Chromium ICV-LCS Std	WP96052
Calibration and CCV std HexChrome 0.5PPM	WP96050
Calibration std HexChrome 1.0PPM	WP96051

Intercept: -0.0004

Slope: 0.7822

Regression: 0.999993

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		2.06	0.000	0.000	0.000	0.000		03/29/2022	14:30
2	CAL2	0.01	1	100	100		2.41	0.000	0.006	0.006	0.008	20	03/29/2022	14:31
3	CAL3	0.025	1	100	100		1.98	0.000	0.018	0.018	0.023	8	03/29/2022	14:32
4	CAL4	0.05	1	100	100		1.85	0.000	0.039	0.039	0.050	0	03/29/2022	14:33
5	CAL5	0.1	1	100	100		2.06	0.000	0.079	0.079	0.101	-1	03/29/2022	14:34
6	CAL6	0.5	1	100	100		2.15	0.000	0.392	0.392	0.501	-0.2	03/29/2022	14:35
7	CAL7	1	1	100	100		1.90	0.000	0.781	0.781	0.998	0.2	03/29/2022	14:36



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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	0.391	0.391	0.500	03/29/2022	14:37
2	ICB		1	100	100		1.59	0.000	0.001	0.001	0.002	03/29/2022	14:38
3	CCV1	0.5	1	100	100		2.08	0.000	0.390	0.390	0.499	03/29/2022	14:39
4	CCB1		1	100	100		2.11	0.000	0.001	0.001	0.002	03/29/2022	14:40
5	RL Check	0.01	1	100	100		1.77	0.000	0.007	0.007	0.009	03/29/2022	14:41
6	LB119409BL		1	100	100		1.80	0.000	0.000	0.000	0.001	03/29/2022	14:42
7	LB119409BS	0.5	1	100	100		2.14	0.000	0.394	0.394	0.504	03/29/2022	14:43
8	N2123-04		1	100	100		2.28	0.020	0.021	0.001	0.002	03/29/2022	14:44
9	N2123-04DU		1	100	100		1.80	0.020	0.020	0.000	0.001	03/29/2022	14:45
10	N2123-04MS	1	2	100	100		1.96	0.019	0.406	0.387	0.495	03/29/2022	14:46
11	N2123-04MS	1	2	100	100		2.04	0.019	0.404	0.385	0.493	03/29/2022	14:47
12	N2123-05		1	100	100		2.08	0.009	0.009	0.000	0.001	03/29/2022	14:48
13	CCV2	0.5	1	100	100		1.93	0.000	0.389	0.389	0.498	03/29/2022	14:49
14	CCB2		1	100	100		1.80	0.000	0.001	0.001	0.002	03/29/2022	14:50

L13114409

WORKLIST(Hardcopy Internal Chain)

WorkList Name : HEX-032822-W WorkList ID : 158118 Department : Wet-Chemistry Date : 03-28-2022 09:17:05

Due Date	Matrix	Sample	Test	Raw Sample			Collect Date	Method
				Preservative	Customer	Storage Location		
04/08/2022	Water	N2123-04	Hexavalent Chromium	Ammonium sul	AQUA04	E21	20220344-MODIFIED-ELUTRIATE	03/24/2022 7196A
04/08/2022	Water	N2123-05	Hexavalent Chromium	Ammonium sul	AQUA04	E21	DISSOLVED-FRACTION-CS-1-MODIFIED-ELUTRIA03/24/2022	7196A

Date/Time 3/28/22 14:00
Raw Sample Received by: 12 (WC)
Raw Sample Relinquished by: 78 (WC)

Date/Time 3/28/22 15:00
Raw Sample Received by: 78 (WC)
Raw Sample Relinquished by: 12 (WC)