

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB133491

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP110738
Calibration Std. hexchrome 0.05 ppm	WP110737
calibration std. hexchrome 0.01 ppm	WP110735
calibration std. hexchrome 0 ppm	WP110734
hexavalent chromium color reagent	WP110722
5N sulfuric acid	WP110380
Calibration Std Hexachrome 0.025 ppm	WP110736
Hexavalent Chromium ICV-LCS Std	WP110741
Calibration and CCV std HexChrome 0.5PPM	WP110739
Calibration std HexChrome 1.0PPM	WP110740

Intercept: 0.0004

Slope: 0.7829

Regression: 0.999992

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		1.78	0.000	0.000	0.000	-0.00		11/18/2024	10:00
2	CAL2	0.01	1	100	100		1.84	0.000	0.007	0.007	0.008	-20	11/18/2024	10:01
3	CAL3	0.025	1	100	100		1.86	0.000	0.019	0.019	0.023	-8	11/18/2024	10:02
4	CAL4	0.05	1	100	100		1.89	0.000	0.040	0.040	0.050	0	11/18/2024	10:03
5	CAL5	0.1	1	100	100		1.88	0.000	0.081	0.081	0.102	2	11/18/2024	10:04
6	CAL6	0.5	1	100	100		1.86	0.000	0.392	0.392	0.500	0	11/18/2024	10:05
7	CAL7	1	1	100	100		1.84	0.000	0.783	0.783	0.999	-0.1	11/18/2024	10:06

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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		1.95	0.000	0.390	0.390	0.498	11/18/2024	10:07
2	ICB		1	100	100		1.77	0.000	0.001	0.001	0.001	11/18/2024	10:08
3	CCV1	0.5	1	100	100		1.97	0.000	0.394	0.394	0.503	11/18/2024	10:09
4	CCB1		1	100	100		1.81	0.000	0.000	0.000	-0.001	11/18/2024	10:10
5	RL Check	0.01	1	100	100		1.92	0.000	0.008	0.008	0.010	11/18/2024	10:11
6	LB133491BL		1	100	100		1.79	0.000	0.001	0.001	0.001	11/18/2024	10:12
7	LB133491BS	0.5	1	100	100		1.94	0.000	0.401	0.401	0.512	11/18/2024	10:13
8	P4892-04		1	100	100		2.04	0.000	0.000	0.000	-0.001	11/18/2024	10:14
9	P4892-04DU		1	100	100		2.06	0.000	0.000	0.000	-0.001	11/18/2024	10:15
10	P4892-04MS	1	2	100	100		2.06	0.000	0.389	0.389	0.496	11/18/2024	10:16
11	P4892-04MS	1	2	100	100		2.04	0.000	0.387	0.387	0.494	11/18/2024	10:17
12	CCV2	0.5	1	100	100		1.96	0.000	0.391	0.391	0.499	11/18/2024	10:18
13	CCB2		1	100	100		1.74	0.000	0.001	0.001	0.001	11/18/2024	10:19

WORKLIST(Hardcopy Internal Chain)

6133491

WorkList Name : HEX W 11-15

WorkList ID : 185493

Department : Wet-Chemistry

Date : 11-15-2024 16:29:33

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4892-04	WB-310-SW	Water	Hexavalent Chromium	Ammonium sulfate buffer	PORT06	M11	11/15/2024	7196A

Date/Time 11/15/2024 17:55
Raw Sample Received by: RM CWG
Raw Sample Relinquished by: RM CWG

Date/Time 11/18/2024 10:36
Raw Sample Received by: RM CWG
Raw Sample Relinquished by: RM CWG