

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB133010

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP110294
Calibration Std. hexchrome 0.05 ppm	WP110293
calibration std. hexchrome 0.01 ppm	WP110291
calibration std. hexchrome 0 ppm	WP110290
hexavalent chromium color reagent	WP110246
5N sulfuric acid	WP107791
Calibration Std Hexachrome 0.025 ppm	WP110292
Hexavalent Chromium ICV-LCS Std	WP110297
Calibration and CCV std HexChrome 0.5PPM	WP110295
Calibration std HexChrome 1.0PPM	WP110296

Intercept: 0.0001

Slope: 0.7811

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		1.79	0.000	0.000	0.000	-0.00		10/18/2024	16:50
2	CAL2	0.01	1	100	100		1.91	0.000	0.007	0.007	0.008	-20	10/18/2024	16:51
3	CAL3	0.025	1	100	100		1.85	0.000	0.019	0.019	0.024	-4	10/18/2024	16:52
4	CAL4	0.05	1	100	100		1.88	0.000	0.039	0.039	0.049	-2	10/18/2024	16:53
5	CAL5	0.1	1	100	100		1.90	0.000	0.079	0.079	0.101	1	10/18/2024	16:54
6	CAL6	0.5	1	100	100		1.84	0.000	0.393	0.393	0.503	0.6	10/18/2024	16:55
7	CAL7	1	1	100	100		1.88	0.000	0.780	0.780	0.998	-0.2	10/18/2024	16:56



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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		1.90	0.000	0.390	0.390	0.499	10/18/2024	16:57
2	ICB		1	100	100		1.78	0.000	0.001	0.001	0.001	10/18/2024	16:58
3	CCV1	0.5	1	100	100		1.91	0.000	0.394	0.394	0.504	10/18/2024	16:59
4	CCB1		1	100	100		1.75	0.000	0.000	0.000	0.000	10/18/2024	17:00
5	RL Check	0.01	1	100	100		1.90	0.000	0.008	0.008	0.010	10/18/2024	17:01
6	LB133010BL		1	100	100		1.73	0.000	0.000	0.000	0.000	10/18/2024	17:02
7	LB133010BS	0.5	1	100	100		1.94	0.000	0.404	0.404	0.517	10/18/2024	17:03
8	P4460-06		1	100	100		2.10	0.000	0.001	0.001	0.001	10/18/2024	17:04
9	P4460-06DU		1	100	100		2.14	0.000	0.001	0.001	0.001	10/18/2024	17:05
10	P4460-06MS	1	2	100	100		2.10	0.000	0.390	0.390	0.499	10/18/2024	17:06
11	P4460-06MS	1	2	100	100		2.16	0.000	0.392	0.392	0.502	10/18/2024	17:07
12	CCV2	0.5	1	100	100		1.93	0.000	0.391	0.391	0.500	10/18/2024	17:08
13	CCB2		1	100	100		1.77	0.000	0.000	0.000	0.000	10/18/2024	17:09

WORKLIST(Hardcopy Internal Chain)

66133010

WorkList Name : HEX-1018

WorkList ID : 184599

Department : Wet-Chemistry

Date : 10-18-2024 15:50:17

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4460-06	WB-303-SW	Water	Hexavalent Chromium	Ammonium sulfate buffer	PORT06	K51	10/18/2024	7196A

Date/Time 10/18/2024 16:15
Raw Sample Received by: RM CWC
Raw Sample Relinquished by: RM CWC

Date/Time 10/18/2024 16:30
Raw Sample Received by: RM CWC
Raw Sample Relinquished by: RM CWC