

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132952

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP110228
Calibration Std. hexchrome 0.05 ppm	WP110227
calibration std. hexchrome 0.01 ppm	WP110225
calibration std. hexchrome 0 ppm	WP110224
hexavalent chromium color reagent	WP110108
5N sulfuric acid	WP107791
HEX LOD STD, 0.005PPM	WP110232
Calibration Std Hexachrome 0.025 ppm	WP110226
Hexavalent Chromium ICV-LCS Std	WP110231
Calibration and CCV std HexChrome 0.5PPM	WP110229
Calibration std HexChrome 1.0PPM	WP110230

Intercept: 0.0005

Slope: 0.7819

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		1.79	0.000	0.000	0.000	-0.00		10/15/2024	16:50
2	CAL2	0.01	1	100	100		1.88	0.000	0.009	0.009	0.010	0	10/15/2024	16:51
3	CAL3	0.025	1	100	100		1.86	0.000	0.019	0.019	0.023	-8	10/15/2024	16:52
4	CAL4	0.05	1	100	100		1.84	0.000	0.040	0.040	0.050	0	10/15/2024	16:53
5	CAL5	0.1	1	100	100		1.89	0.000	0.080	0.080	0.101	1	10/15/2024	16:54
6	CAL6	0.5	1	100	100		1.84	0.000	0.390	0.390	0.498	-0.4	10/15/2024	16:55
7	CAL7	1	1	100	100		1.85	0.000	0.783	0.783	1.000	0	10/15/2024	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	0.392	0.392	0.501	10/15/2024	16:57
2	ICB		1	100	100		1.75	0.000	0.001	0.001	0.001	10/15/2024	16:58
3	CCV1	0.5	1	100	100		1.93	0.000	0.394	0.394	0.503	10/15/2024	16:59
4	CCB1		1	100	100		1.77	0.000	0.000	0.000	-0.001	10/15/2024	17:00
5	RL Check	0.01	1	100	100		1.91	0.000	0.010	0.010	0.012	10/15/2024	17:01
6	LB132952BL		1	100	100		1.76	0.000	0.000	0.000	-0.001	10/15/2024	17:02
7	LB132952BS	0.5	1	100	100		1.90	0.000	0.402	0.402	0.513	10/15/2024	17:03
8	P4368-09		1	100	100		2.02	0.000	0.004	0.004	0.004	10/15/2024	17:04
9	P4405-01		1	100	100		2.10	0.000	0.001	0.001	0.001	10/15/2024	17:05
10	P4405-01DU		1	100	100		2.10	0.000	0.001	0.001	0.001	10/15/2024	17:06
11	P4405-01MS	1	2	100	100		2.06	0.000	0.389	0.389	0.497	10/15/2024	17:07
12	P4405-01MS	1	2	100	100		2.10	0.000	0.390	0.390	0.498	10/15/2024	17:08
13	CCV2	0.5	1	100	100		1.92	0.000	0.394	0.394	0.503	10/15/2024	17:09
14	CCB2		1	100	100		1.80	0.000	0.000	0.000	-0.001	10/15/2024	17:10

WORKLIST(Hardcopy Internal Chain)

6132952

WorkList Name : HEX 10-15 WorkList ID : 184462 Department : Wet-Chemistry Date : 10-15-2024 14:47:41

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4368-09	MDL-WATER-03-QT4-2024	Water	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA 01	10/09/2024	7196A
P4405-01	MH-121	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	K41	10/15/2024	7196A

Date/Time 10/15/2024 16:05
Raw Sample Received by: RM cwc
Raw Sample Relinquished by: [Signature]

Date/Time 10/15/2024 16:30
Raw Sample Received by: [Signature]
Raw Sample Relinquished by: RM cwc