

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB133136

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP110441
Calibration Std. hexchrome 0.05 ppm	WP110440
calibration std. hexchrome 0.01 ppm	WP110438
calibration std. hexchrome 0 ppm	WP110437
hexavalent chromium color reagent	WP110382
5N sulfuric acid	WP110380
Calibration Std Hexachrome 0.025 ppm	WP110439
Hexavalent Chromium ICV-LCS Std	WP110444
Calibration and CCV std HexChrome 0.5PPM	WP110442
Calibration std HexChrome 1.0PPM	WP110443

Intercept: -0.0007

Slope: 0.7809

Regression: 0.999995

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		1.81	0.000	0.000	0.000	0.000		10/25/2024	17:10
2	CAL2	0.01	1	100	100		1.92	0.000	0.006	0.006	0.008	-20	10/25/2024	17:11
3	CAL3	0.025	1	100	100		1.93	0.000	0.018	0.018	0.023	-8	10/25/2024	17:12
4	CAL4	0.05	1	100	100		1.94	0.000	0.038	0.038	0.049	-2	10/25/2024	17:13
5	CAL5	0.1	1	100	100		1.92	0.000	0.079	0.079	0.102	2	10/25/2024	17:14
6	CAL6	0.5	1	100	100		1.92	0.000	0.390	0.390	0.500	0	10/25/2024	17:15
7	CAL7	1	1	100	100		1.95	0.000	0.780	0.780	0.999	-0.1	10/25/2024	17:16

Analytical Summary Report

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Run Number: LB133136

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		1.92	0.000	0.393	0.393	0.504	10/25/2024	17:17
2	ICB		1	100	100		1.80	0.000	0.001	0.001	0.002	10/25/2024	17:18
3	CCV1	0.5	1	100	100		1.95	0.000	0.394	0.394	0.505	10/25/2024	17:19
4	CCB1		1	100	100		1.79	0.000	0.000	0.000	0.001	10/25/2024	17:20
5	RL Check	0.01	1	100	100		1.96	0.000	0.008	0.008	0.011	10/25/2024	17:21
6	LB133136BL		1	100	100		1.79	0.000	0.001	0.001	0.002	10/25/2024	17:22
7	LB133136BS	0.5	1	100	100		1.98	0.000	0.404	0.404	0.518	10/25/2024	17:23
8	P4578-01		1	100	100		2.10	0.001	0.001	0.000	0.001	10/25/2024	17:24
9	P4578-01DU		1	100	100		2.14	0.001	0.001	0.000	0.001	10/25/2024	17:25
10	P4578-01MS	1	2	100	100		2.18	0.001	0.392	0.391	0.502	10/25/2024	17:26
11	P4578-01MS	1	2	100	100		2.12	0.000	0.394	0.394	0.505	10/25/2024	17:27
12	P4578-02		1	100	100		2.16	0.000	0.000	0.000	0.001	10/25/2024	17:28
13	CCV2	0.5	1	100	100		1.98	0.000	0.390	0.390	0.500	10/25/2024	17:29
14	CCB2		1	100	100		1.82	0.000	0.001	0.001	0.002	10/25/2024	17:30

WORKLIST(Hardcopy Internal Chain)

66133136

WorkList Name : HEX W-1025

WorkList ID : 184803

Department : Wet-Chemistry

Date : 10-25-2024 15:54:06

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4578-01	WB-305-SW	Water	Hexavalent Chromium	Ammonium sulfate buffer	PORT06	K63	10/25/2024	7196A
P4578-02	WB-305-SW-1	Water	Hexavalent Chromium	Ammonium sulfate buffer	PORT06	K63	10/25/2024	7196A

Date/Time 10/25/2024 16:15
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: A602C1

Date/Time 10/25/2024 16:15
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: RM CWC