

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB131983

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP109195
Calibration Std. hexchrome 0.05 ppm	WP109194
calibration std. hexchrome 0.01 ppm	WP109192
calibration std. hexchrome 0 ppm	WP109191
hexavalent chromium color reagent	WP109114
5N sulfuric acid	WP107791
Calibration Std Hexachrome 0.025 ppm	WP109193
Hexavalent Chromium ICV-LCS Std	WP109198
Calibration and CCV std HexChrome 0.5PPM	WP109196
Calibration std HexChrome 1.0PPM	WP109197

Intercept: 0.0001

Slope: 0.7828

Regression: 0.999987

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		1.77	0.000	0.000	0.000	-0.00		08/13/2024	16:15
2	CAL2	0.01	1	100	100		1.85	0.000	0.006	0.006	0.007	-30	08/13/2024	16:16
3	CAL3	0.025	1	100	100		1.88	0.000	0.019	0.019	0.024	-4	08/13/2024	16:17
4	CAL4	0.05	1	100	100		1.90	0.000	0.039	0.039	0.049	-2	08/13/2024	16:18
5	CAL5	0.1	1	100	100		1.86	0.000	0.081	0.081	0.103	3	08/13/2024	16:19
6	CAL6	0.5	1	100	100		1.90	0.000	0.393	0.393	0.501	0.2	08/13/2024	16:20
7	CAL7	1	1	100	100		1.88	0.000	0.782	0.782	0.998	-0.2	08/13/2024	16:21



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Run Number: LB131983

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		1.93	0.000	0.394	0.394	0.503	08/13/2024	16:22
2	ICB		1	100	100		1.74	0.000	0.001	0.001	0.001	08/13/2024	16:23
3	CCV1	0.5	1	100	100		1.95	0.000	0.391	0.391	0.499	08/13/2024	16:24
4	CCB1		1	100	100		1.79	0.000	0.000	0.000	0.000	08/13/2024	16:25
5	RL Check	0.01	1	100	100		1.92	0.000	0.007	0.007	0.009	08/13/2024	16:26
6	lb131983BL		1	100	100		1.78	0.000	0.001	0.001	0.001	08/13/2024	16:27
7	lb131983BS	0.5	1	100	100		1.93	0.000	0.401	0.401	0.512	08/13/2024	16:28
8	P3596-01		1	100	100		2.04	0.000	0.000	0.000	0.000	08/13/2024	16:29
9	P3596-01DU		1	100	100		2.06	0.000	0.000	0.000	0.000	08/13/2024	16:30
10	P3596-01MS	1	2	100	100		2.06	0.000	0.390	0.390	0.498	08/13/2024	16:31
11	P3596-01MS	1	2	100	100		2.10	0.000	0.392	0.392	0.501	08/13/2024	16:32
12	P3596-02		1	100	100		2.02	0.000	0.000	0.000	0.000	08/13/2024	16:33
13	CCV2	0.5	1	100	100		1.96	0.000	0.391	0.391	0.499	08/13/2024	16:34
14	CCB2		1	100	100		1.80	0.000	0.001	0.001	0.001	08/13/2024	16:35

WORKLIST(Hardcopy Internal Chain)

6131983

WorkList Name : HEX-8-13

WorkList ID : 182619

Department : Wet-Chemistry

Date : 08-13-2024 14:22:38

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P3596-01	918-J-WS-081324	Water	Hexavalent Chromium	Ammonium sulfate buffer	JACO05	D21	08/13/2024	7196A
P3596-02	918-J-WS-081324-FD	Water	Hexavalent Chromium	Ammonium sulfate buffer	JACO05	D21	08/13/2024	7196A

Date/Time 08/13/2024 15:10
Raw Sample Received by: RM
Raw Sample Relinquished by: M Wel

Date/Time 08/13/2024 15:45
Raw Sample Received by: JF Wel
Raw Sample Relinquished by: RM Wel