

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB130501

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP107660
Calibration Std. hexchrome 0.05 ppm	WP107659
calibration std. hexchrome 0.01 ppm	WP107657
calibration std. hexchrome 0 ppm	WP107656
hexavalent chromium color reagent	WP107664
5N sulfuric acid	WP105081
Calibration Std Hexachrome 0.025 ppm	WP107658
Hexavalent Chromium ICV-LCS Std	WP107663
Calibration and CCV std HexChrome 0.5PPM	WP107661
Calibration std HexChrome 1.0PPM	WP107662

Intercept: 0.0003

Slope: 0.7796

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		1.76	0.000	0.000	0.000	-0.00		04/25/2024	16:00
2	CAL2	0.01	1	100	100		1.85	0.000	0.010	0.010	0.012	20	04/25/2024	16:01
3	CAL3	0.025	1	100	100		1.88	0.000	0.019	0.019	0.023	-8	04/25/2024	16:02
4	CAL4	0.05	1	100	100		1.86	0.000	0.038	0.038	0.048	-4	04/25/2024	16:03
5	CAL5	0.1	1	100	100		1.88	0.000	0.079	0.079	0.100	0	04/25/2024	16:04
6	CAL6	0.5	1	100	100		1.89	0.000	0.390	0.390	0.499	-0.2	04/25/2024	16:05
7	CAL7	1	1	100	100		1.85	0.000	0.780	0.780	1.000	0	04/25/2024	16:06



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Run Number: LB130501

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	0.502	04/25/2024	16:07
2	ICB		1	100	100		1.77	0.000	0.001	0.001	0.001	04/25/2024	16:08
3	CCV1	0.5	1	100	100		1.96	0.000	0.391	0.391	0.501	04/25/2024	16:09
4	CCB1		1	100	100		1.79	0.000	0.001	0.001	0.001	04/25/2024	16:10
5	RL Check	0.01	1	100	100		1.90	0.000	0.010	0.010	0.012	04/25/2024	16:11
6	LB130501BL		1	100	100		1.74	0.000	0.001	0.001	0.001	04/25/2024	16:12
7	LB130501BS	0.5	1	100	100		1.93	0.000	0.400	0.400	0.513	04/25/2024	16:13
8	P2266-01		1	100	100		2.06	0.005	0.005	0.000	0.000	04/25/2024	16:14
9	P2266-01DU		1	100	100		2.10	0.005	0.005	0.000	0.000	04/25/2024	16:15
10	P2266-01MS	1	2	100	100		2.08	0.005	0.369	0.364	0.467	04/25/2024	16:16
11	P2266-01MS	1	2	100	100		2.06	0.005	0.372	0.367	0.470	04/25/2024	16:17
12	P2266-02		1	100	100		2.02	0.000	0.000	0.000	0.000	04/25/2024	16:18
13	CCV2	0.5	1	100	100		1.94	0.000	0.394	0.394	0.505	04/25/2024	16:19
14	CCB2		1	100	100		1.76	0.000	0.001	0.001	0.001	04/25/2024	16:20

66130501

WORKLIST(Hardcopy Internal Chain)

WorkList Name : hex 4-24

WorkList ID : 179731

Department : Wet-Chemistry

Date : 04-24-2024 10:00:12

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P2266-01	B-101-GW01	Water	Hexavalent Chromium	Ammonium sulfate buffer	PORT06	I31	04/23/2024	7196A
P2266-02	EB-042324	Water	Hexavalent Chromium	Ammonium sulfate buffer	PORT06	I31	04/23/2024	7196A

Date/Time04/24/202417:00

Raw Sample Received by:RA (wc)

Raw Sample Relinquished by:phw

Date/Time04/24/202417:25

Raw Sample Received by:RA (wc)

Raw Sample Relinquished by:RA (wc)