



Analytical Summary Report

Analysis Method: 7196A

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB130032

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP107137
Calibration Std. hexchrome 0.05 ppm	WP107136
calibration std. hexchrome 0.01 ppm	WP107134
calibration std. hexchrome 0 ppm	WP107133
hexavalent chromium color reagent	WP107121
5N sulfuric acid	WP105081
HNO3 Hex-Chrome, 5M	WP105080
Calibration Std Hexachrome 0.025 ppm	WP107135
Hexavalent Chromium ICV-LCS Std	WP107140
Calibration and CCV std HexChrome 0.5PPM	WP107138
Calibration std HexChrome 1.0PPM	WP107139

Intercept: -0.0001

Slope: 0.784

Regression: 0.999987

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml)	Final Vol (ml)	pH HNO3	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	0.000		03/26/2024	10:00
2	CAL2	0.01	1	100	100		1.88	0.000	0.006	0.006	0.007	-30	03/26/2024	10:01
3	CAL3	0.025	1	100	100		1.85	0.000	0.018	0.018	0.023	-8	03/26/2024	10:02
4	CAL4	0.05	1	100	100		1.87	0.000	0.040	0.040	0.051	2	03/26/2024	10:03
5	CAL5	0.1	1	100	100		1.85	0.000	0.081	0.081	0.103	3	03/26/2024	10:04
6	CAL6	0.5	1	100	100		1.89	0.000	0.391	0.391	0.498	-0.4	03/26/2024	10:05
7	CAL7	1	1	100	100		1.87	0.000	0.784	0.784	1.000	0	03/26/2024	10:06



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Run Number: LB130032

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		1.86	0.000	0.394	0.394	0.503	03/26/2024	10:07
2	ICB		1	100	100		1.74	0.000	0.001	0.001	0.001	03/26/2024	10:08
3	CCV1	0.5	1	100	100		1.94	0.000	0.390	0.390	0.498	03/26/2024	10:09
4	CCB1		1	100	100		1.77	0.000	0.001	0.001	0.001	03/26/2024	10:10
5	RL Check	0.01	1	100	100		1.92	0.000	0.008	0.008	0.010	03/26/2024	10:11
6	LB130032BL		1	100	100		1.75	0.000	0.001	0.001	0.001	03/26/2024	10:12
7	LB130032BS	0.5	1	100	100		1.93	0.000	0.400	0.400	0.510	03/26/2024	10:13
8	P1867-04		1	100	100		2.12	0.021	0.021	0.000	0.000	03/26/2024	10:14
9	P1867-05		1	100	100		2.06	0.001	0.002	0.001	0.001	03/26/2024	10:15
10	P1867-05DU		1	100	100		2.08	0.001	0.002	0.001	0.001	03/26/2024	10:16
11	P1867-05MS	1	2	100	100		2.06	0.001	0.387	0.386	0.492	03/26/2024	10:17
12	P1867-05MS	1	2	100	100		2.08	0.001	0.390	0.389	0.496	03/26/2024	10:18
13	CCV2	0.5	1	100	100		1.92	0.000	0.393	0.393	0.501	03/26/2024	10:19
14	CCB2		1	100	100		1.78	0.000	0.001	0.001	0.001	03/26/2024	10:20

WORKLIST(Hardcopy Internal Chain)

LB130032

WorkList Name : HEX-0325

WorkList ID : 178840

Department : Wet-Chemistry

Date : 03-25-2024 14:48:05

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P1867-04	B-148-GW01	Water	Hexavalent Chromium	Ammonium sulfate buffer	PORT06	P31	03/25/2024	7196A
P1867-05	EB-03252024	Water	Hexavalent Chromium	Ammonium sulfate buffer	PORT06	P31	03/25/2024	7196A

Date/Time 03/25/2024 17.05
 Raw Sample Received by: RM [signature]
 Raw Sample Relinquished by: [signature]

Date/Time 03/25/2024 17.20
 Raw Sample Received by: [signature]
 Raw Sample Relinquished by: RM [signature]