



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB129881

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP106949
Calibration Std. hexchrome 0.05 ppm	WP106948
calibration std. hexchrome 0.01 ppm	WP106946
calibration std. hexchrome 0 ppm	WP106945
hexavalent chromium color reagent	WP106884
0.2N SULFURIC ACID	WP106542
Calibration Std Hexachrome 0.025 ppm	WP106947
Hexavalent Chromium ICV-LCS Std	WP106952
Calibration and CCV std HexChrome 0.5PPM	WP106950
Calibration std HexChrome 1.0PPM	WP106951

Intercept: 0

Slope: 0.7804

Regression: 0.999996

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		03/14/2024	11:00
2	CAL2	0.01	1	100	100		1.88	0.000	0.009	0.009	0.011	10	03/14/2024	11:01
3	CAL3	0.025	1	100	100		1.86	0.000	0.018	0.018	0.023	-8	03/14/2024	11:02
4	CAL4	0.05	1	100	100		1.84	0.000	0.039	0.039	0.049	-2	03/14/2024	11:03
5	CAL5	0.1	1	100	100		1.88	0.000	0.078	0.078	0.099	-1	03/14/2024	11:04
6	CAL6	0.5	1	100	100		1.86	0.000	0.391	0.391	0.501	0.2	03/14/2024	11:05
7	CAL7	1	1	100	100		1.87	0.000	0.780	0.780	0.999	-0.1	03/14/2024	11:06



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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		1.93	0.000	0.392	0.392	0.502	03/14/2024	11:07
2	ICB		1	100	100		1.76	0.000	0.000	0.000	0.000	03/14/2024	11:08
3	CCV1	0.5	1	100	100		1.95	0.000	0.390	0.390	0.500	03/14/2024	11:09
4	CCB1		1	100	100		1.78	0.000	0.000	0.000	0.000	03/14/2024	11:10
5	RL Check	0.01	1	100	100		1.92	0.000	0.009	0.009	0.012	03/14/2024	11:11
6	LB129881BL		1	100	100		1.75	0.000	0.000	0.000	0.000	03/14/2024	11:12
7	LB129881BS	0.5	1	100	100		1.92	0.000	0.401	0.401	0.514	03/14/2024	11:13
8	P1747-03		1	100	100		2.08	0.000	0.000	0.000	0.000	03/14/2024	11:14
9	P1747-03DU		1	100	100		2.06	0.000	0.000	0.000	0.000	03/14/2024	11:15
10	P1747-03MS	1	2	100	100		2.10	0.000	0.369	0.369	0.473	03/14/2024	11:16
11	P1747-03MS	1	2	100	100		2.08	0.000	0.379	0.379	0.486	03/14/2024	11:17
12	CCV2	0.5	1	100	100		1.93	0.000	0.392	0.392	0.502	03/14/2024	11:18
13	CCB2		1	100	100		1.74	0.000	0.000	0.000	0.000	03/14/2024	11:19

WORKLIST(Hardcopy Internal Chain)

16129881

WorkList Name : HEX-313

WorkList ID : 178559

Department : Wet-Chemistry

Date : 03-13-2024 14:47:19

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P1747-03	MWL-01	Water	Hexavalent Chromium	Ammonium sulfate buffer	LIR001	I31	03/13/2024	SM3500-Cr B

Date/Time 03/13/2024 16:45

Raw Sample Received by: RM CWL

Raw Sample Relinquished by: JOL (CWL)

Date/Time 03/13/2024 17:00

Raw Sample Received by: JOL (CWL)

Raw Sample Relinquished by: RM CWL