



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB127274

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP104146
Calibration Std. hexchrome 0.05 ppm	WP104145
calibration std. hexchrome 0.01 ppm	WP104143
calibration std. hexchrome 0 ppm	WP104142
hexavalent chromium color reagent	WP104081
0.2N SULFURIC ACID	WP103581
Calibration Std Hexachrome 0.025 ppm	WP104144
Hexavalent Chromium ICV-LCS Std	WP104149
Calibration and CCV std HexChrome 0.5PPM	WP104147
Calibration std HexChrome 1.0PPM	WP104148

Intercept: -0.0001

Slope: 0.7825

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		1.79	0.000	0.000	0.000	0.000		09/13/2023	17:20
2	CAL2	0.01	1	100	100		1.88	0.000	0.009	0.009	0.011	10	09/13/2023	17:21
3	CAL3	0.025	1	100	100		1.86	0.000	0.018	0.018	0.023	-8	09/13/2023	17:22
4	CAL4	0.05	1	100	100		1.77	0.000	0.038	0.038	0.048	-4	09/13/2023	17:23
5	CAL5	0.1	1	100	100		1.88	0.000	0.079	0.079	0.101	1	09/13/2023	17:24
6	CAL6	0.5	1	100	100		1.90	0.000	0.392	0.392	0.501	0.2	09/13/2023	17:25
7	CAL7	1	1	100	100		1.86	0.000	0.782	0.782	0.999	-0.1	09/13/2023	17:26



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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		1.91	0.000	0.391	0.391	0.500	09/13/2023	17:27
2	ICB		1	100	100		1.78	0.000	0.000	0.000	0.000	09/13/2023	17:28
3	CCV1	0.5	1	100	100		1.93	0.000	0.390	0.390	0.499	09/13/2023	17:29
4	CCB1		1	100	100		1.79	0.000	0.000	0.000	0.000	09/13/2023	17:30
5	RL Check	0.01	1	100	100		1.91	0.000	0.009	0.009	0.012	09/13/2023	17:31
6	lb127274BL		1	100	100		1.80	0.000	0.000	0.000	0.000	09/13/2023	17:32
7	lb127274BS	0.5	1	100	100		1.91	0.000	0.402	0.402	0.514	09/13/2023	17:33
8	O4416-01		1	100	100		2.08	0.000	0.000	0.000	0.000	09/13/2023	17:34
9	O4416-01DU		1	100	100		2.06	0.000	0.000	0.000	0.000	09/13/2023	17:35
10	O4416-01MS	1	2	100	100		2.08	0.000	0.361	0.361	0.461	09/13/2023	17:35
11	O4416-01MS	1	2	100	100		2.10	0.000	0.378	0.378	0.483	09/13/2023	17:36
12	CCV2	0.5	1	100	100		1.93	0.000	0.390	0.390	0.499	09/13/2023	17:37
13	CCB2		1	100	100		1.79	0.000	0.000	0.000	0.000	09/13/2023	17:38

WORKLIST(Hardcopy Internal Chain)

6127274

WorkList Name : hex-w 9-

WorkList ID : 173536

Department : Wet-Chemistry

Date : 09-13-2023 08:55:53

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O4416-01	A591	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	N11	09/13/2023	SM3500-Cr B

Date/Time 09/13/2023 16:00
 Raw Sample Received by: RM CWB
 Raw Sample Relinquished by: JPL(Sm)

Date/Time 09/13/2023 16:30
 Raw Sample Received by: JPL(Sm)
 Raw Sample Relinquished by: RM CWB