

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB132747

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP110050
Calibration Std. hexchrome 0.05 ppm	WP110049
calibration std. hexchrome 0.01 ppm	WP110047
calibration std. hexchrome 0 ppm	WP110046
hexavalent chromium color reagent	WP109994
0.2N SULFURIC ACID	WP109325
Calibration Std Hexachrome 0.025 ppm	WP110048
Hexavalent Chromium ICV-LCS Std	WP110053
Calibration and CCV std HexChrome 0.5PPM	WP110051
Calibration std HexChrome 1.0PPM	WP110052

Intercept: -0.0003

Slope: 0.7825

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		1.74	0.000	0.000	0.000	0.000		10/03/2024	17:00
2	CAL2	0.01	1	100	100		1.87	0.000	0.008	0.008	0.010	0	10/03/2024	17:01
3	CAL3	0.025	1	100	100		1.84	0.000	0.018	0.018	0.023	-8	10/03/2024	17:02
4	CAL4	0.05	1	100	100		1.89	0.000	0.038	0.038	0.048	-4	10/03/2024	17:03
5	CAL5	0.1	1	100	100		1.86	0.000	0.079	0.079	0.101	1	10/03/2024	17:04
6	CAL6	0.5	1	100	100		1.90	0.000	0.391	0.391	0.500	0	10/03/2024	17:05
7	CAL7	1	1	100	100		1.85	0.000	0.782	0.782	0.999	-0.1	10/03/2024	17:06



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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	0.501	10/03/2024	17:07
2	ICB		1	100	100		1.75	0.000	0.000	0.000	0.000	10/03/2024	17:08
3	CCV1	0.5	1	100	100		1.96	0.000	0.390	0.390	0.499	10/03/2024	17:09
4	CCB1		1	100	100		1.79	0.001	0.001	0.000	0.000	10/03/2024	17:10
5	RL Check	0.01	1	100	100		1.92	0.000	0.010	0.010	0.013	10/03/2024	17:11
6	LB132747BL		1	100	100		1.76	0.001	0.001	0.000	0.000	10/03/2024	17:12
7	LB132747BS	0.5	1	100	100		1.94	0.000	0.401	0.401	0.513	10/03/2024	17:13
8	P4285-03		1	100	100		2.04	0.001	0.001	0.000	0.000	10/03/2024	17:14
9	P4285-03DU		1	100	100		2.08	0.001	0.001	0.000	0.000	10/03/2024	17:15
10	P4285-03MS	1	2	100	100		2.10	0.000	0.390	0.390	0.499	10/03/2024	17:16
11	P4285-03MS	1	2	100	100		2.06	0.000	0.392	0.392	0.501	10/03/2024	17:17
12	CCV2	0.5	1	100	100		1.92	0.000	0.390	0.390	0.499	10/03/2024	17:18
13	CCB2		1	100	100		1.79	0.000	0.000	0.000	0.000	10/03/2024	17:19

WORKLIST(Hardcopy Internal Chain)

6132747

WorkList Name : HEX-10-3 WorkList ID : 184090 Department : Wet-Chemistry Date : 10-03-2024 12:25:36

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4285-03	WATER-TOTES	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	J51	10/03/2024	SM3500-Cr B

Date/Time 10/03/2024 13:50
Raw Sample Received by: RM CWL
Raw Sample Relinquished by: JH CWC

Date/Time 10/03/2024 15:00
Raw Sample Received by: JH CWC
Raw Sample Relinquished by: RM CWL