

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB133564

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP110822
Calibration Std. hexchrome 0.05 ppm	WP110821
calibration std. hexchrome 0.01 ppm	WP110819
calibration std. hexchrome 0 ppm	WP110818
hexavalent chromium color reagent	WP110722
0.2N SULFURIC ACID	WP109325
Calibration Std Hexachrome 0.025 ppm	WP110820
Hexavalent Chromium ICV-LCS Std	WP110825
Calibration and CCV std HexChrome 0.5PPM	WP110823
Calibration std HexChrome 1.0PPM	WP110824

Intercept: 0.0003

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		1.80	0.000	0.000	0.000	-0.00		11/21/2024	17:40
2	CAL2	0.01	1	100	100		1.89	0.000	0.009	0.009	0.011	10	11/21/2024	17:41
3	CAL3	0.025	1	100	100		1.90	0.000	0.019	0.019	0.023	-8	11/21/2024	17:42
4	CAL4	0.05	1	100	100		1.85	0.000	0.039	0.039	0.049	-2	11/21/2024	17:43
5	CAL5	0.1	1	100	100		1.88	0.000	0.078	0.078	0.099	-1	11/21/2024	17:44
6	CAL6	0.5	1	100	100		1.90	0.000	0.392	0.392	0.501	0.2	11/21/2024	17:45
7	CAL7	1	1	100	100		1.87	0.000	0.780	0.780	0.999	-0.1	11/21/2024	17:46

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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		1.95	0.000	0.390	0.390	0.499	11/21/2024	17:47
2	ICB		1	100	100		1.78	0.000	0.000	0.000	0.000	11/21/2024	17:48
3	CCV1	0.5	1	100	100		1.92	0.000	0.392	0.392	0.502	11/21/2024	17:49
4	CCB1		1	100	100		1.74	0.000	0.000	0.000	0.000	11/21/2024	17:50
5	RL Check	0.01	1	100	100		1.91	0.000	0.009	0.009	0.011	11/21/2024	17:51
6	LB133564BL		1	100	100		1.74	0.000	0.000	0.000	0.000	11/21/2024	17:52
7	LB133564BS	0.5	1	100	100		1.94	0.000	0.401	0.401	0.513	11/21/2024	17:53
8	P4947-01		1	100	100		2.04	0.001	0.001	0.000	0.000	11/21/2024	17:54
9	P4947-01DU		1	100	100		2.06	0.001	0.001	0.000	0.000	11/21/2024	17:55
10	P4947-01MS	1	2	100	100		2.06	0.001	0.386	0.385	0.493	11/21/2024	17:56
11	P4947-01MS	1	2	100	100		2.10	0.001	0.389	0.388	0.497	11/21/2024	17:57
12	CCV2	0.5	1	100	100		1.97	0.000	0.391	0.391	0.501	11/21/2024	17:58
13	CCB2		1	100	100		1.82	0.000	0.000	0.000	0.000	11/21/2024	17:59

WORKLIST(Hardcopy Internal Chain)

6133564

WorkList Name : HEX-W-11-21

WorkList ID : 185659

Department : Wet-Chemistry

Date : 11-21-2024 14:24:04

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P4947-01	A3988	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	L61	11/21/2024	SM3500-Cr B

Date/Time 11/21/2024 16.30
 Raw Sample Received by: R14 (WU)
 Raw Sample Relinquished by: R14 (WU)

Date/Time 11/21/2024 1700
 Raw Sample Received by: R14 (WU)
 Raw Sample Relinquished by: R14 (WU)