

Analytical Summary Report

Analysis Method: ~~SM3500-Cr B~~

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: ~~LB133853~~

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP111029
Calibration Std. hexchrome 0.05 ppm	WP111028
calibration std. hexchrome 0.01 ppm	WP111026
calibration std. hexchrome 0 ppm	WP111025
hexavalent chromium color reagent	WP111033
0.2N SULFURIC ACID	WP109325
Calibration Std Hexachrome 0.025 ppm	WP111027
Hexavalent Chromium ICV-LCS Std	WP111032
Calibration and CCV std HexChrome 0.5PPM	WP111030
Calibration std HexChrome 1.0PPM	WP111031

Intercept: -0

Slope: 0.7817

Regression: 0.999995

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		12/10/2024	09:15
2	CAL2	0.01	1	100	100		1.88	0.000	0.009	0.009	0.011	10	12/10/2024	09:16
3	CAL3	0.025	1	100	100		1.84	0.000	0.018	0.018	0.023	-8	12/10/2024	09:17
4	CAL4	0.05	1	100	100		1.88	0.000	0.039	0.039	0.049	-2	12/10/2024	09:18
5	CAL5	0.1	1	100	100		1.85	0.000	0.079	0.079	0.101	1	12/10/2024	09:19
6	CAL6	0.5	1	100	100		1.85	0.000	0.390	0.390	0.498	-0.4	12/10/2024	09:20
7	CAL7	1	1	100	100		1.88	0.000	0.782	0.782	1.000	0	12/10/2024	09:21

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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		1.92	0.000	0.391	0.391	0.500	12/10/2024	09:22
2	ICB		1	100	100		1.77	0.000	0.000	0.000	0.000	12/10/2024	09:23
3	CCV1	0.5	1	100	100		1.95	0.000	0.392	0.392	0.501	12/10/2024	09:24
4	CCB1		1	100	100		1.77	0.000	0.000	0.000	0.000	12/10/2024	09:25
5	RL Check	0.01	1	100	100		1.91	0.000	0.009	0.009	0.012	12/10/2024	09:26
6	LB133853BL		1	100	100		1.75	0.000	0.000	0.000	0.000	12/10/2024	09:27
7	LB133853BS	0.5	1	100	100		1.93	0.000	0.400	0.400	0.512	12/10/2024	09:28
8	P5220-03		1	100	100		2.14	0.000	0.000	0.000	0.000	12/10/2024	09:29
9	P5220-03DU		1	100	100		2.10	0.000	0.000	0.000	0.000	12/10/2024	09:30
10	P5220-03MS	1	2	100	100		2.15	0.000	0.291	0.291	0.372	12/10/2024	09:31
11	P5220-03MS	1	2	100	100		2.14	0.000	0.292	0.292	0.374	12/10/2024	09:32
12	CCV2	0.5	1	100	100		1.93	0.000	0.390	0.390	0.499	12/10/2024	09:33
13	CCB2		1	100	100		1.79	0.000	0.000	0.000	0.000	12/10/2024	09:34

WORKLIST(Hardcopy Internal Chain)

LB133853

WorkList Name : HEX-W-12-09 WorkList ID : 186154 Department : Wet-Chemistry Date : 12-09-2024 14:53:28

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
P5220-03	GAS-AUD-1610-1611-1612	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	L41	12/09/2024	SM3500-Cr B

Date/Time 12/09/2024 16:55
Raw Sample Received by: RM CWC
Raw Sample Relinquished by: JWC

Date/Time 12/10/2024
Raw Sample Received by: JWC
Raw Sample Relinquished by: RM CWC