



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB127415

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP104309
Calibration Std. hexchrome 0.05 ppm	WP104308
calibration std. hexchrome 0.01 ppm	WP104306
calibration std. hexchrome 0 ppm	WP104305
hexavalent chromium color reagent	WP104244
0.2N SULFURIC ACID	WP103581
Calibration Std Hexachrome 0.025 ppm	WP104307
Hexavalent Chromium ICV-LCS Std	WP104312
Calibration and CCV std HexChrome 0.5PPM	WP104310
Calibration std HexChrome 1.0PPM	WP104311

Intercept: -0.0002

Slope: 0.7806

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		1.78	0.000	0.000	0.000	0.000		09/21/2023	17:00
2	CAL2	0.01	1	100	100		1.88	0.000	0.009	0.009	0.011	10	09/21/2023	17:01
3	CAL3	0.025	1	100	100		1.86	0.000	0.018	0.018	0.023	-8	09/21/2023	17:02
4	CAL4	0.05	1	100	100		1.88	0.000	0.038	0.038	0.048	-4	09/21/2023	17:03
5	CAL5	0.1	1	100	100		1.87	0.000	0.078	0.078	0.100	0	09/21/2023	17:04
6	CAL6	0.5	1	100	100		1.90	0.000	0.391	0.391	0.501	0.2	09/21/2023	17:05
7	CAL7	1	1	100	100		1.87	0.000	0.780	0.780	0.999	-0.1	09/21/2023	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		1.92	0.000	0.391	0.391	0.501	09/21/2023	17:07
2	ICB		1	100	100		1.79	0.000	0.000	0.000	0.000	09/21/2023	17:08
3	CCV1	0.5	1	100	100		1.93	0.000	0.390	0.390	0.500	09/21/2023	17:09
4	CCB1		1	100	100		1.78	0.000	0.000	0.000	0.000	09/21/2023	17:10
5	RL Check	0.01	1	100	100		1.91	0.000	0.009	0.009	0.012	09/21/2023	17:11
6	LB127415BL		1	100	100		1.80	0.000	0.000	0.000	0.000	09/21/2023	17:12
7	LB127415BS	0.5	1	100	100		1.91	0.000	0.399	0.399	0.511	09/21/2023	17:13
8	O4574-01		1	100	100		2.08	0.000	0.000	0.000	0.000	09/21/2023	17:14
9	O4574-01DU		1	100	100		2.06	0.000	0.000	0.000	0.000	09/21/2023	17:15
10	O4574-01MS	1	2	100	100		2.10	0.000	0.372	0.372	0.477	09/21/2023	17:16
11	O4574-01MS	1	2	100	100		2.10	0.000	0.368	0.368	0.472	09/21/2023	17:17
12	CCV2	0.5	1	100	100		1.93	0.000	0.390	0.390	0.500	09/21/2023	17:18
13	CCB2		1	100	100		1.76	0.000	0.000	0.000	0.000	09/21/2023	17:19

WORKLIST(Hardcopy Internal Chain)

6127415

WorkList Name : HEX C W 9-21

WorkList ID : 173834

Department : Wet-Chemistry

Date : 09-21-2023 15:18:45

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O4574-01	FRAC-TANK-A2421	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	N21	09/21/2023	SM3500-Cr B

Date/Time 09/21/2023 16:15
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]

Date/Time 09/21/2023 16:50
 Raw Sample Received by: [Signature]
 Raw Sample Relinquished by: [Signature]