



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB128480

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP105484
Calibration Std. hexchrome 0.05 ppm	WP105483
calibration std. hexchrome 0.01 ppm	WP105481
calibration std. hexchrome 0 ppm	WP105478
hexavalent chromium color reagent	WP105421
0.2N SULFURIC ACID	WP103581
Calibration Std Hexachrome 0.025 ppm	WP105482
Hexavalent Chromium ICV-LCS Std	WP105487
Calibration and CCV std HexChrome 0.5PPM	WP105485
Calibration std HexChrome 1.0PPM	WP105486

Intercept: 0.0006

Slope: 0.7797

Regression: 0.999998

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		1.76	0.000	0.000	0.000	-0.00		11/28/2023	16:00
2	CAL2	0.01	1	100	100		1.88	0.000	0.009	0.009	0.010	0	11/28/2023	16:01
3	CAL3	0.025	1	100	100		1.86	0.000	0.020	0.020	0.024	-4	11/28/2023	16:02
4	CAL4	0.05	1	100	100		1.85	0.000	0.039	0.039	0.049	-2	11/28/2023	16:03
5	CAL5	0.1	1	100	100		1.88	0.000	0.079	0.079	0.100	0	11/28/2023	16:04
6	CAL6	0.5	1	100	100		1.91	0.000	0.391	0.391	0.500	0	11/28/2023	16:05
7	CAL7	1	1	100	100		1.86	0.000	0.780	0.780	0.999	-0.1	11/28/2023	16:06



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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		1.91	0.000	0.390	0.390	0.499	11/28/2023	16:07
2	ICB		1	100	100		1.77	0.000	0.000	0.000	-0.001	11/28/2023	16:08
3	CCV1	0.5	1	100	100		1.93	0.000	0.392	0.392	0.502	11/28/2023	16:09
4	CCB1		1	100	100		1.75	0.000	0.000	0.000	-0.001	11/28/2023	16:10
5	RL Check	0.01	1	100	100		1.91	0.000	0.009	0.009	0.011	11/28/2023	16:11
6	LB128480BL		1	100	100		1.74	0.000	0.000	0.000	-0.001	11/28/2023	16:12
7	LB128480BS	0.5	1	100	100		1.92	0.000	0.399	0.399	0.511	11/28/2023	16:13
8	O5561-01		1	100	100		2.06	0.000	0.000	0.000	-0.001	11/28/2023	16:14
9	O5561-01DU		1	100	100		2.08	0.000	0.000	0.000	-0.001	11/28/2023	16:15
10	O5561-01MS	1	2	100	100		2.06	0.000	0.392	0.392	0.502	11/28/2023	16:16
11	O5561-01MS	1	2	100	100		2.06	0.000	0.388	0.388	0.497	11/28/2023	16:17
12	CCV2	0.5	1	100	100		1.92	0.000	0.391	0.391	0.501	11/28/2023	16:18
13	CCB2		1	100	100		1.76	0.000	0.000	0.000	-0.001	11/28/2023	16:19

WORKLIST(Hardcopy Internal Chain)

66128480

WorkList Name : HEX W 11-28

WorkList ID : 175873

Department : Wet-Chemistry

Date : 11-28-2023 14:39:58

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O5561-01	A821	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	L32	11/28/2023	SM3500-Cr B

Date/Time 11/28/2023 15:00
 Raw Sample Received by: RM 6612
 Raw Sample Relinquished by: JP (201)

Date/Time 11/28/2023 16:00
 Raw Sample Received by: JP (201)
 Raw Sample Relinquished by: RM (6612)