



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB125585

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP102569
Calibration Std. hexchrome 0.05 ppm	WP102568
calibration std. hexchrome 0.01 ppm	WP102566
calibration std. hexchrome 0 ppm	WP102565
hexavalent chromium color reagent	WP102535
0.2N SULFURIC ACID	WP100769
Calibration Std Hexachrome 0.025 ppm	WP102567
Hexavalent Chromium ICV-LCS Std	WP102572
Calibration and CCV std HexChrome 0.5PPM	WP102570
Calibration std HexChrome 1.0PPM	WP102571

Intercept: -0.0001

Slope: 0.7801

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	0.000		05/22/2023	16:20
2	CAL2	0.01	1	100	100		1.89	0.000	0.009	0.009	0.011	10	05/22/2023	16:21
3	CAL3	0.025	1	100	100		1.88	0.000	0.018	0.018	0.023	-8	05/22/2023	16:22
4	CAL4	0.05	1	100	100		1.85	0.000	0.038	0.038	0.048	-4	05/22/2023	16:23
5	CAL5	0.1	1	100	100		1.88	0.000	0.079	0.079	0.101	1	05/22/2023	16:24
6	CAL6	0.5	1	100	100		1.86	0.000	0.390	0.390	0.500	0	05/22/2023	16:25
7	CAL7	1	1	100	100		1.85	0.000	0.780	0.780	1	0	05/22/2023	16:26



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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		1.90	0.000	0.391	0.391	0.501	05/22/2023	16:27
2	ICB		1	100	100		1.76	0.000	0.000	0.000	0.000	05/22/2023	16:28
3	CCV1	0.5	1	100	100		1.89	0.000	0.390	0.390	0.500	05/22/2023	16:29
4	CCB1		1	100	100		1.78	0.000	0.000	0.000	0.000	05/22/2023	16:30
5	RL Check	0.01	1	100	100		1.90	0.000	0.009	0.009	0.012	05/22/2023	16:31
6	LB125585BL		1	100	100		1.80	0.000	0.000	0.000	0.000	05/22/2023	16:32
7	LB125585BS	0.5	1	100	100		1.81	0.000	0.367	0.367	0.471	05/22/2023	16:33
8	O2891-03		1	100	100		2.04	0.039	0.039	0.000	0.000	05/22/2023	16:34
9	O2891-03DU		1	100	100		2.06	0.039	0.039	0.000	0.000	05/22/2023	16:35
10	O2891-03MS	1	2	100	100		2.06	0.039	0.059	0.020	0.026	05/22/2023	16:36
11	O2891-03MS	1	2	100	100		2.08	0.039	0.056	0.017	0.022	05/22/2023	16:37
12	CCV2	0.5	1	100	100		1.90	0.000	0.391	0.391	0.501	05/22/2023	16:38
13	CCB2		1	100	100		1.80	0.000	0.000	0.000	0.000	05/22/2023	16:39

WORKLIST(Hardcopy Internal Chain)

6125585

WorkList Name : HEX W-5-22

WorkList ID : 170214

Department : Wet-Chemistry

Date : 05-22-2023 14:35:45

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O2891-03	A653	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	O11	05/22/2023	SM3500-Cr B

Date/Time 05/22/2023 15:45
 Raw Sample Received by: RM (we)
 Raw Sample Relinquished by: JH (we)

Date/Time 05/22/2023 16:50
 Raw Sample Received by: JH (we)
 Raw Sample Relinquished by: RM (we)