



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB128710

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP105690
Calibration Std. hexchrome 0.05 ppm	WP105686
calibration std. hexchrome 0.01 ppm	WP105684
calibration std. hexchrome 0 ppm	WP105683
hexavalent chromium color reagent	WP105651
0.2N SULFURIC ACID	WP103581
Calibration Std Hexachrome 0.025 ppm	WP105685
Hexavalent Chromium ICV-LCS Std	WP105689
Calibration and CCV std HexChrome 0.5PPM	WP105687
Calibration std HexChrome 1.0PPM	WP105688

Intercept: 0.0002

Slope: 0.7813

Regression: 0.999997

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		1.77	0.000	0.000	0.000	-0.00		12/13/2023	09:30
2	CAL2	0.01	1	100	100		1.88	0.000	0.009	0.009	0.011	10	12/13/2023	09:31
3	CAL3	0.025	1	100	100		1.85	0.000	0.019	0.019	0.024	-4	12/13/2023	09:32
4	CAL4	0.05	1	100	100		1.87	0.000	0.039	0.039	0.049	-2	12/13/2023	09:33
5	CAL5	0.1	1	100	100		1.84	0.000	0.078	0.078	0.099	-1	12/13/2023	09:34
6	CAL6	0.5	1	100	100		1.90	0.000	0.392	0.392	0.501	0.2	12/13/2023	09:35
7	CAL7	1	1	100	100		1.86	0.000	0.781	0.781	0.999	-0.1	12/13/2023	09:36



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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	0.392	0.392	0.501	12/13/2023	09:37
2	ICB		1	100	100		1.75	0.000	0.000	0.000	0.000	12/13/2023	09:38
3	CCV1	0.5	1	100	100		1.94	0.000	0.390	0.390	0.499	12/13/2023	09:39
4	CCB1		1	100	100		1.76	0.000	0.000	0.000	0.000	12/13/2023	09:40
5	RL Check	0.01	1	100	100		1.92	0.000	0.009	0.009	0.011	12/13/2023	09:41
6	LB128710BL		1	100	100		1.74	0.000	0.000	0.000	0.000	12/13/2023	09:42
7	LB128710BS	0.5	1	100	100		1.92	0.000	0.402	0.402	0.514	12/13/2023	09:43
8	O5791-01		1	100	100		2.08	0.000	0.000	0.000	0.000	12/13/2023	09:44
9	O5791-02		1	100	100		2.04	0.004	0.004	0.000	0.000	12/13/2023	09:45
10	O5791-02DU		1	100	100		2.06	0.004	0.004	0.000	0.000	12/13/2023	09:46
11	O5791-02MS	1	2	100	100		2.04	0.004	0.386	0.382	0.489	12/13/2023	09:47
12	O5791-02MS	1	2	100	100		2.06	0.004	0.381	0.377	0.482	12/13/2023	09:48
13	O5791-05		1	100	100		2.10	0.007	0.007	0.000	0.000	12/13/2023	09:49
14	O5791-06		1	100	100		2.08	0.007	0.007	0.000	0.000	12/13/2023	09:50
15	O5791-07		1	100	100		2.08	0.036	0.036	0.000	0.000	12/13/2023	09:51
16	CCV2	0.5	1	100	100		1.95	0.000	0.391	0.391	0.500	12/13/2023	09:52
17	CCB2		1	100	100		1.78	0.000	0.000	0.000	0.000	12/13/2023	09:53
18	O5791-10		1	100	100		2.08	0.008	0.008	0.000	0.000	12/13/2023	09:54
19	O5791-11		1	100	100		2.06	0.003	0.008	0.005	0.006	12/13/2023	09:55
20	CCV3	0.5	1	100	100		1.94	0.000	0.392	0.392	0.501	12/13/2023	09:56
21	CCB3		1	100	100		1.77	0.000	0.000	0.000	0.000	12/13/2023	09:57

WORKLIST(Hardcopy Internal Chain)

66128710

WorkList Name : hex w-12-12 **WorkList ID :** 176289 **Department :** Wet-Chemistry **Date :** 12-12-2023 15:01:16

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O5791-01	597-A-J	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	L31	12/12/2023	SM3500-Cr B
O5791-02	597-K-O	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	L31	12/12/2023	SM3500-Cr B
O5791-05	MW-1B-K-T	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	L31	12/12/2023	SM3500-Cr B
O5791-06	MW-1B-U-DD	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	L31	12/12/2023	SM3500-Cr B
O5791-07	MW-1B-00-XX	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	L31	12/12/2023	SM3500-Cr B
O5791-10	MW-1B-A-J	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	L31	12/12/2023	SM3500-Cr B
O5791-11	MW-1B-EE-NN	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	L31	12/12/2023	SM3500-Cr B

Date/Time 12/12/2023 17:45
Raw Sample Received by: RM CWC
Raw Sample Relinquished by: RM CWC

Date/Time 12/12/2023 18:15
Raw Sample Received by: RM CWC
Raw Sample Relinquished by: RM CWC