



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB128144

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP105105
Calibration Std. hexchrome 0.05 ppm	WP105104
calibration std. hexchrome 0.01 ppm	WP105102
calibration std. hexchrome 0 ppm	WP105101
hexavalent chromium color reagent	WP104985
0.2N SULFURIC ACID	WP103581
Calibration Std Hexachrome 0.025 ppm	WP105103
Hexavalent Chromium ICV-LCS Std	WP105108
Calibration and CCV std HexChrome 0.5PPM	WP105106
Calibration std HexChrome 1.0PPM	WP105107

Intercept: -0.0001

Slope: 0.7809

Regression: 0.999996

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	0.000		11/02/2023	14:40
2	CAL2	0.01	1	100	100		1.88	0.000	0.009	0.009	0.011	10	11/02/2023	14:41
3	CAL3	0.025	1	100	100		1.86	0.000	0.018	0.018	0.023	-8	11/02/2023	14:42
4	CAL4	0.05	1	100	100		1.85	0.000	0.039	0.039	0.050	0	11/02/2023	14:43
5	CAL5	0.1	1	100	100		1.86	0.000	0.078	0.078	0.100	0	11/02/2023	14:44
6	CAL6	0.5	1	100	100		1.91	0.000	0.390	0.390	0.499	-0.2	11/02/2023	16:45
7	CAL7	1	1	100	100		1.87	0.000	0.781	0.781	1.000	0	11/02/2023	14:46



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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	0.502	11/02/2023	14:47
2	ICB		1	100	100		1.75	0.000	0.000	0.000	0.000	11/02/2023	14:48
3	CCV1	0.5	1	100	100		1.92	0.000	0.390	0.390	0.500	11/02/2023	14:49
4	CCB1		1	100	100		1.78	0.000	0.000	0.000	0.000	11/02/2023	14:50
5	RL Check	0.01	1	100	100		1.90	0.000	0.009	0.009	0.012	11/02/2023	14:51
6	LB128144BL		1	100	100		1.77	0.000	0.000	0.000	0.000	11/02/2023	14:52
7	LB128144BS	0.5	1	100	100		1.92	0.000	0.402	0.402	0.515	11/02/2023	14:53
8	O5095-01		1	100	100		2.08	0.000	0.000	0.000	0.000	11/02/2023	14:54
9	O5231-07		1	100	100		2.04	0.003	0.003	0.000	0.000	11/02/2023	14:55
10	O5231-07DU		1	100	100		2.06	0.003	0.003	0.000	0.000	11/02/2023	14:56
11	O5231-07MS	1	2	100	100		2.08	0.003	0.368	0.365	0.468	11/02/2023	14:57
12	O5231-07MS	1	2	100	100		2.06	0.003	0.359	0.356	0.456	11/02/2023	14:58
13	CCV2	0.5	1	100	100		1.93	0.000	0.392	0.392	0.502	11/02/2023	14:59
14	CCB2		1	100	100		1.76	0.000	0.000	0.000	0.000	11/02/2023	15:00

WORKLIST(Hardcopy Internal Chain)

6128144

WorkList Name : hex w-11-02

WorkList ID : 175199

Department : Wet-Chemistry

Date : 11-02-2023 08:21:09

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O5095-01	F07367	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	I41	11/02/2023	SM3500-Cr B
O5231-07	14B-(1-4)-COMP	Water	Hexavalent Chromium	Ammonium sulfate buffer	NEWY17	I41	11/02/2023	SM3500-Cr B

Date/Time 11/02/2023 13:30
 Raw Sample Received by: RM
 Raw Sample Relinquished by: JPL (CSC)

Date/Time 11/02/2023 14:30
 Raw Sample Received by: JPL (CSC)
 Raw Sample Relinquished by: RM (CSC)