



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB126467

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP103282
Calibration Std. hexchrome 0.05 ppm	WP103281
calibration std. hexchrome 0.01 ppm	WP103279
calibration std. hexchrome 0 ppm	WP103278
hexavalent chromium color reagent	WP103195
0.2N SULFURIC ACID	WP100769
Calibration Std Hexachrome 0.025 ppm	WP103280
Hexavalent Chromium ICV-LCS Std	WP103285
Calibration and CCV std HexChrome 0.5PPM	WP103283
Calibration std HexChrome 1.0PPM	WP103284

Intercept: -0.0001

Slope: 0.7812

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		1.80	0.000	0.000	0.000	0.000		07/14/2023	17:20
2	CAL2	0.01	1	100	100		1.90	0.000	0.009	0.009	0.011	10	07/14/2023	17:21
3	CAL3	0.025	1	100	100		1.88	0.000	0.018	0.018	0.023	-8	07/14/2023	17:22
4	CAL4	0.05	1	100	100		1.87	0.000	0.039	0.039	0.050	0	07/14/2023	17:23
5	CAL5	0.1	1	100	100		1.88	0.000	0.078	0.078	0.099	-1	07/14/2023	17:24
6	CAL6	0.5	1	100	100		1.93	0.000	0.391	0.391	0.500	0	07/14/2023	17:25
7	CAL7	1	1	100	100		1.88	0.000	0.781	0.781	0.999	-0.1	07/14/2023	17:26



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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		1.92	0.000	0.390	0.390	0.499	07/14/2023	17:27
2	ICB		1	100	100		1.79	0.000	0.000	0.000	0.000	07/14/2023	17:28
3	CCV1	0.5	1	100	100		1.93	0.000	0.391	0.391	0.501	07/14/2023	17:29
4	CCB1		1	100	100		1.80	0.000	0.000	0.000	0.000	07/14/2023	17:30
5	RL Check	0.01	1	100	100		1.90	0.000	0.009	0.009	0.012	07/14/2023	17:31
6	lb126467BL		1	100	100		1.80	0.000	0.000	0.000	0.000	07/14/2023	17:32
7	lb126467BS	0.5	1	100	100		1.92	0.000	0.396	0.396	0.507	07/14/2023	17:33
8	O3637-01		1	100	100		2.04	0.028	0.028	0.000	0.000	07/14/2023	17:34
9	O3637-01DU		1	100	100		2.06	0.028	0.028	0.000	0.000	07/14/2023	17:35
10	O3637-01MS	1	2	100	100		2.06	0.013	0.378	0.365	0.467	07/14/2023	17:36
11	O3637-01MS	1	2	100	100		2.06	0.016	0.384	0.368	0.471	07/14/2023	17:37
12	CCV2	0.5	1	100	100		1.92	0.000	0.391	0.391	0.501	07/14/2023	17:38
13	CCB2		1	100	100		1.78	0.000	0.000	0.000	0.000	07/14/2023	17:39

WORKLIST(Hardcopy Internal Chain)

66126467

WorkList Name : hex w-7-14

WorkList ID : 171898

Department : Wet-Chemistry

Date : 07-14-2023 13:46:07

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O3637-01	A508	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	I11	07/14/2023	SM3500-Cr B

Date/Time 07/14/2023 16:00
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: JACAC

Date/Time 07/14/2023 17:00
 Raw Sample Received by: JACAC
 Raw Sample Relinquished by: RM CWC