



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB126355

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP103156
Calibration Std. hexchrome 0.05 ppm	WP103154
calibration std. hexchrome 0.01 ppm	WP103153
calibration std. hexchrome 0 ppm	WP103152
hexavalent chromium color reagent	WP103101
0.2N SULFURIC ACID	WP100769
Calibration Std Hexachrome 0.025 ppm	WP103155
Hexavalent Chromium ICV-LCS Std	WP103159
Calibration and CCV std HexChrome 0.5PPM	WP103157
Calibration std HexChrome 1.0PPM	WP103158

Intercept: -0.0001

Slope: 0.7813

Regression: 0.999994

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		07/07/2023	17:10
2	CAL2	0.01	1	100	100		1.90	0.000	0.009	0.009	0.011	10	07/07/2023	17:11
3	CAL3	0.025	1	100	100		1.87	0.000	0.018	0.018	0.023	-8	07/07/2023	17:12
4	CAL4	0.05	1	100	100		1.88	0.000	0.038	0.038	0.048	-4	07/07/2023	17:13
5	CAL5	0.1	1	100	100		1.88	0.000	0.079	0.079	0.101	1	07/07/2023	17:14
6	CAL6	0.5	1	100	100		1.93	0.000	0.391	0.391	0.500	0	07/07/2023	17:15
7	CAL7	1	1	100	100		1.87	0.000	0.781	0.781	0.999	-0.1	07/07/2023	17:16



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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	07/07/2023	17:17
2	ICB		1	100	100		1.79	0.000	0.000	0.000	0.000	07/07/2023	17:18
3	CCV1	0.5	1	100	100		1.93	0.000	0.391	0.391	0.501	07/07/2023	17:19
4	CCB1		1	100	100		1.80	0.000	0.000	0.000	0.000	07/07/2023	17:20
5	RL Check	0.01	1	100	100		1.90	0.000	0.009	0.009	0.012	07/07/2023	17:21
6	lb126355BL		1	100	100		1.80	0.000	0.000	0.000	0.000	07/07/2023	17:22
7	lb126355BS	0.5	1	100	100		1.88	0.000	0.390	0.390	0.499	07/07/2023	17:23
8	O3563-01		1	100	100		2.06	0.000	0.000	0.000	0.000	07/07/2023	17:24
9	O3563-01DU		1	100	100		2.08	0.000	0.000	0.000	0.000	07/07/2023	17:25
10	O3563-01MS	1	2	100	100		2.06	0.000	0.007	0.007	0.009	07/07/2023	17:26
11	O3563-01MS	1	2	100	100		2.08	0.000	0.007	0.007	0.009	07/07/2023	17:27
12	CCV2	0.5	1	100	100		1.92	0.000	0.391	0.391	0.501	07/07/2023	17:28
13	CCB2		1	100	100		1.78	0.000	0.000	0.000	0.000	07/07/2023	17:29

WORKLIST(Hardcopy Internal Chain)

LB126355

WorkList Name : hex s-7-7

WorkList ID : 171692

Department : Wet-Chemistry

Date : 07-07-2023 13:40:38

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O3563-01	HOUSE-BASEMENT	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	I11	07/07/2023	SM3500-Cr B

Date/Time 07/07/2023 15:15
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: JH Lee

Date/Time 07/07/2023 16:30
 Raw Sample Received by: JH Lee
 Raw Sample Relinquished by: RM CWC