



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB127366

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP104263
Calibration Std. hexchrome 0.05 ppm	WP104262
calibration std. hexchrome 0.01 ppm	WP104260
calibration std. hexchrome 0 ppm	WP104259
hexavalent chromium color reagent	WP104244
0.2N SULFURIC ACID	WP103581
Calibration Std Hexachrome 0.025 ppm	WP104261
Hexavalent Chromium ICV-LCS Std	WP104266
Calibration and CCV std HexChrome 0.5PPM	WP104264
Calibration std HexChrome 1.0PPM	WP104265

Intercept: 0.0003

Slope: 0.7804

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		1.78	0.000	0.000	0.000	-0.00		09/19/2023	12:30
2	CAL2	0.01	1	100	100		1.86	0.000	0.009	0.009	0.011	10	09/19/2023	12:31
3	CAL3	0.025	1	100	100		1.88	0.000	0.019	0.019	0.023	-8	09/19/2023	12:32
4	CAL4	0.05	1	100	100		1.87	0.000	0.039	0.039	0.049	-2	09/19/2023	12:33
5	CAL5	0.1	1	100	100		1.88	0.000	0.078	0.078	0.099	-1	09/19/2023	12:34
6	CAL6	0.5	1	100	100		1.90	0.000	0.392	0.392	0.501	0.2	09/19/2023	12:35
7	CAL7	1	1	100	100		1.86	0.000	0.780	0.780	0.999	-0.1	09/19/2023	12:36



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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		1.92	0.000	0.390	0.390	0.499	09/19/2023	12:37
2	ICB		1	100	100		1.80	0.000	0.000	0.000	0.000	09/19/2023	12:38
3	CCV1	0.5	1	100	100		1.93	0.000	0.392	0.392	0.502	09/19/2023	12:39
4	CCB1		1	100	100		1.78	0.000	0.000	0.000	0.000	09/19/2023	12:40
5	RL Check	0.01	1	100	100		1.90	0.000	0.009	0.009	0.011	09/19/2023	12:41
6	lb127366BL		1	100	100		1.79	0.000	0.000	0.000	0.000	09/19/2023	12:42
7	lb127366BS	0.5	1	100	100		1.91	0.000	0.401	0.401	0.513	09/19/2023	12:43
8	O4349-02		1	100	100		2.04	0.000	0.417	0.417	0.534	09/19/2023	12:44
9	O4474-04		1	100	100		2.08	0.000	0.000	0.000	0.000	09/19/2023	12:45
10	O4474-04DU		1	100	100		2.10	0.000	0.000	0.000	0.000	09/19/2023	12:46
11	O4474-04MS	1	2	100	100		2.08	0.000	0.358	0.358	0.458	09/19/2023	12:47
12	O4474-04MS	1	2	100	100		2.12	0.000	0.385	0.385	0.493	09/19/2023	12:48
13	CCV2	0.5	1	100	100		1.94	0.000	0.391	0.391	0.501	09/19/2023	12:49
14	CCB2		1	100	100		1.80	0.000	0.000	0.000	0.000	09/19/2023	12:50

WORKLIST(Hardcopy Internal Chain)

LB127366

WorkList Name : hex -9-19

WorkList ID : 173715

Department : Wet-Chemistry

Date : 09-19-2023 08:49:46

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O4349-02	PT-CR6-WP	Water	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA Of	09/05/2023	SM3500-Cr B
O4474-04	H-2313-WATER	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	D22	09/15/2023	SM3500-Cr B

Date/Time 09/19/2023 11:50
 Raw Sample Received by: RM awg
 Raw Sample Relinquished by: JSC

Date/Time 09/19/2023 13:00
 Raw Sample Received by: JSC
 Raw Sample Relinquished by: RM awg