

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB127187

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP104077
Calibration Std. hexchrome 0.05 ppm	WP104076
calibration std. hexchrome 0.01 ppm	WP104074
calibration std. hexchrome 0 ppm	WP104073
hexavalent chromium color reagent	WP104081
0.2N SULFURIC ACID	WP103581
Calibration Std Hexachrome 0.025 ppm	WP104075
Hexavalent Chromium ICV-LCS Std	WP104080
Calibration and CCV std HexChrome 0.5PPM	WP104078
Calibration std HexChrome 1.0PPM	WP104079

Intercept: -0.0003

Slope: 0.7815

Regression: 0.999998

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		09/08/2023	10:10
2	CAL2	0.01	1	100	100		1.87	0.000	0.008	0.008	0.010	0	09/08/2023	10:11
3	CAL3	0.025	1	100	100		1.86	0.000	0.018	0.018	0.023	-8	09/08/2023	10:12
4	CAL4	0.05	1	100	100		1.88	0.000	0.039	0.039	0.050	0	09/08/2023	10:13
5	CAL5	0.1	1	100	100		1.86	0.000	0.078	0.078	0.100	0	09/08/2023	10:14
6	CAL6	0.5	1	100	100		1.90	0.000	0.391	0.391	0.500	0	09/08/2023	10:15
7	CAL7	1	1	100	100		1.88	0.000	0.781	0.781	0.999	-0.1	09/08/2023	10:16



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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		1.91	0.000	0.390	0.390	0.499	09/08/2023	10:17
2	ICB		1	100	100		1.77	0.000	0.000	0.000	0.000	09/08/2023	10:18
3	CCV1	0.5	1	100	100		1.92	0.000	0.392	0.392	0.502	09/08/2023	10:19
4	CCB1		1	100	100		1.79	0.000	0.001	0.001	0.002	09/08/2023	10:20
5	RL Check	0.01	1	100	100		1.91	0.000	0.008	0.008	0.011	09/08/2023	10:21
6	LB127187BL		1	100	100		1.80	0.000	0.000	0.000	0.000	09/08/2023	10:22
7	LB127187BS	0.5	1	100	100		1.91	0.000	0.393	0.393	0.503	09/08/2023	10:23
8	O4343-01		1	100	100		2.06	0.005	0.005	0.000	0.000	09/08/2023	10:24
9	O4343-02		1	100	100		2.04	0.010	0.010	0.000	0.000	09/08/2023	10:25
10	O4343-02DU		1	100	100		2.06	0.010	0.010	0.000	0.000	09/08/2023	10:26
11	O4343-02MS	1	2	100	100		2.04	0.009	0.386	0.377	0.483	09/08/2023	10:27
12	O4343-02MS	1	2	100	100		2.06	0.010	0.386	0.376	0.482	09/08/2023	10:28
13	CCV2	0.5	1	100	100		1.94	0.000	0.390	0.390	0.499	09/08/2023	10:29
14	CCB2		1	100	100		1.78	0.000	0.000	0.000	0.000	09/08/2023	10:30

WORKLIST(Hardcopy Internal Chain)

6/27/87

WorkList Name : HEX W-9-7

WorkList ID : 17368

Department : Wet-Chemistry

Date : 09-07-2023 14:29:24

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O4343-01	SAMPLE-1-14TH-STREET	Water	Hexavalent Chromium	Ammonium sulfate buffer	SOUN03	N11	09/06/2023	SM3500-Cr B
O4343-02	SAMPLE-2-23RD-STREET	Water	Hexavalent Chromium	Ammonium sulfate buffer	SOUN03	N11	09/06/2023	SM3500-Cr B

Date/Time 09/07/2023 19:00
 Raw Sample Received by: RM CWC
 Raw Sample Relinquished by: 7010001

Date/Time 09/07/2023 19:18
 Raw Sample Received by: 7010001
 Raw Sample Relinquished by: RM CWC