



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB124891

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP101909
Calibration Std. hexchrome 0.05 ppm	WP101908
calibration std. hexchrome 0.01 ppm	WP101906
calibration std. hexchrome 0 ppm	WP101905
hexavalent chromium color reagent	WP101813
0.2N SULFURIC ACID	WP100769
HEX LOD STD, 0.005PPM	WP101913
Hex LOQ Std, 0.01PPM	WP101914
Calibration Std Hexachrome 0.025 ppm	WP101907
Hexavalent Chromium ICV-LCS Std	WP101912
Calibration and CCV std HexChrome 0.5PPM	WP101910
Calibration std HexChrome 1.0PPM	WP101911

Intercept: -0.0007

Slope: 0.7821

Regression: 0.999995

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		1.96	0.000	0.000	0.000	0.000		04/10/2023	08:30
2	CAL2	0.01	1	100	100		2.08	0.000	0.006	0.006	0.008	-20	04/10/2023	08:31
3	CAL3	0.025	1	100	100		2.02	0.000	0.018	0.018	0.023	-8	04/10/2023	08:32
4	CAL4	0.05	1	100	100		2.06	0.000	0.038	0.038	0.049	-2	04/10/2023	08:33
5	CAL5	0.1	1	100	100		2.08	0.000	0.079	0.079	0.101	1	04/10/2023	08:34
6	CAL6	0.5	1	100	100		2.04	0.000	0.391	0.391	0.500	0	04/10/2023	08:35
7	CAL7	1	1	100	100		1.98	0.000	0.781	0.781	0.999	-0.1	04/10/2023	08:36



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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		2.08	0.000	0.390	0.390	0.500	04/10/2023	08:37
2	ICB		1	100	100		1.88	0.000	0.000	0.000	0.001	04/10/2023	08:38
3	CCV1	0.5	1	100	100		2.10	0.000	0.391	0.391	0.501	04/10/2023	08:39
4	CCB1		1	100	100		1.86	0.000	0.000	0.000	0.001	04/10/2023	08:40
5	RL Check	0.01	1	100	100		2.18	0.000	0.009	0.009	0.012	04/10/2023	08:41
6	lb124891BL		1	100	100		1.85	0.000	0.000	0.000	0.001	04/10/2023	08:42
7	lb124891BS	0.5	1	100	100		2.00	0.000	0.420	0.420	0.538	04/10/2023	08:43
8	O2213-10		1	100	100		2.04	0.000	0.005	0.005	0.007	04/10/2023	08:44
9	O2213-11		1	100	100		2.00	0.000	0.008	0.008	0.011	04/10/2023	08:45
10	O2257-03		1	100	100		2.28	0.038	0.038	0.000	0.001	04/10/2023	08:46
11	O2257-03DU		1	100	100		2.30	0.038	0.038	0.000	0.001	04/10/2023	08:47
12	O2257-03MS	1	2	100	100		2.26	0.037	0.437	0.400	0.512	04/10/2023	08:48
13	O2257-03MS	1	2	100	100		2.32	0.036	0.439	0.403	0.516	04/10/2023	08:49
14	CCV2	0.5	1	100	100		2.04	0.000	0.390	0.390	0.500	04/10/2023	08:50
15	CCB2		1	100	100		1.85	0.000	0.000	0.000	0.001	04/10/2023	08:51

WORKLIST(Hardcopy Internal Chain)

WorkList Name : HEX W-4-7 WorkList ID : 168864 Department : Wet-Chemistry Date : 04-07-2023 12:57:18 66124891

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
04/24/2023	Water	O2213-10	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA 01	LOD-MDL-WATER-04-QT2-2023	04/05/2023	SM3500-Cr B
04/24/2023	Water	O2213-11	Hexavalent Chromium	Cool 4 deg C	CHEM02	QA 01	LOQ-WATER-05-QT2-2023	04/05/2023	SM3500-Cr B
04/14/2023	Water	O2257-03	Hexavalent Chromium	Ammonium sul	PSEG03	M11	ELI-WATER-0407	04/07/2023	SM3500-Cr B

Date/Time 04/07/2023 15:50
Raw Sample Received by: RM (wls)
Raw Sample Relinquished by: JRC

Date/Time 04/07/2023 16:40
Raw Sample Received by: JRC
Raw Sample Relinquished by: RM (wls)