

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: jignesh

Run Number: LB136934

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP114398
Calibration Std. hexchrome 0.05 ppm	WP114397
calibration std. hexchrome 0.01 ppm	WP114395
calibration std. hexchrome 0 ppm	WP114394
hexavalent chromium color reagent	WP114364
0.2N SULFURIC ACID	WP114341
HEX LOD STD, 0.005PPM	WP114384
Hex LOQ Std, 0.01PPM	WP114402
Calibration Std Hexachrome 0.025 ppm	WP114396
Hexavalent Chromium ICV-LCS Std	WP114401
Calibration and CCV std HexChrome 0.5PPM	WP114399
Calibration std HexChrome 1.0PPM	WP114400

Intercept: 0

Slope: 0.7803

Regression: 0.999997

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		1.76	0.000	0.000	0.000	0		08/22/2025	16:00
2	CAL2	0.01	1	100	100		2.03	0.000	0.009	0.009	0.011	10	08/22/2025	16:00
3	CAL3	0.025	1	100	100		1.90	0.000	0.019	0.019	0.024	-4	08/22/2025	16:01
4	CAL4	0.05	1	100	100		1.84	0.000	0.038	0.038	0.048	-4	08/22/2025	16:01
5	CAL5	0.1	1	100	100		1.97	0.000	0.078	0.078	0.099	-1	08/22/2025	16:02
6	CAL6	0.5	1	100	100		1.92	0.000	0.391	0.391	0.501	0.2	08/22/2025	16:02
7	CAL7	1	1	100	100		2.01	0.000	0.780	0.780	0.999	-0.1	08/22/2025	16:03

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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 HNO3	pH H2SO4	Absorb.at540nm		Absorbance Difference	Intermediate Result (mg/L)	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		1.89	0.000	0.390	0.390	0.500	08/22/2025	16:03
2	ICB		1	100	100		1.95	0.000	0.000	0.000	0.000	08/22/2025	16:04
3	CCV1	0.5	1	100	100		1.92	0.000	0.392	0.392	0.502	08/22/2025	16:04
4	CCB1		1	100	100		1.84	0.000	0.000	0.000	0.000	08/22/2025	16:05
5	RL Check	0.01	1	100	100		1.98	0.000	0.009	0.009	0.012	08/22/2025	16:05
6	LB136934BL		1	100	100		1.68	0.000	0.000	0.000	0.000	08/22/2025	16:06
7	LB136934BS	0.5	1	100	100		1.90	0.000	0.402	0.402	0.515	08/22/2025	16:06
8	Q2893-10		1	100	100		1.84	0.000	0.004	0.004	0.005	08/22/2025	16:07
9	Q2893-11		1	100	100		1.98	0.000	0.008	0.008	0.010	08/22/2025	16:07
10	Q2940-01		1	100	100		2.10	0.000	0.000	0.000	0.000	08/22/2025	16:08
11	Q2940-01DU		1	100	100		2.05	0.000	0.000	0.000	0.000	08/22/2025	16:08
12	Q2940-01MS	1	2	100	100		2.10	0.000	0.371	0.371	0.475	08/22/2025	16:09
13	Q2940-01MS	1	2	100	100		2.17	0.000	0.370	0.370	0.474	08/22/2025	16:09
14	CCV2	0.5	1	100	100		1.92	0.000	0.390	0.390	0.500	08/22/2025	16:10
15	CCB2		1	100	100		2.10	0.000	0.000	0.000	0.000	08/22/2025	16:10

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WORKLIST(Hardcopy Internal Chain)

WorkList Name : hex2940

WorkList ID : 191435

Department : Wet-Chemistry

Date : 08-22-2025 13:17:36

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2893-10	LOD-MDL-WATER-04-QT3-202	Water	Hexavalent Chromium	NONE	ALLI03	QA Of	08/18/2025	SM3500-Cr B
Q2893-11	LOQ-WATER-05-QT3-2025	Water	Hexavalent Chromium	NONE	ALLI03	QA Of	08/18/2025	SM3500-Cr B
Q2940-01	COMP(1-6)	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	D21	08/22/2025	SM3500-Cr B

Date/Time 08/22/2025 13:35
 Raw Sample Received by: RMWC
 Raw Sample Relinquished by: JH(CO2C)

Date/Time 08/22/2025 15:30
 Raw Sample Received by: JH(CO2C)
 Raw Sample Relinquished by: RMWC