

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: jignesh

Run Number: LB136945

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP114413
Calibration Std. hexchrome 0.05 ppm	WP114412
calibration std. hexchrome 0.01 ppm	WP114410
calibration std. hexchrome 0 ppm	WP114409
hexavalent chromium color reagent	WP114364
0.2N SULFURIC ACID	WP114341
HEX LOD STD, 0.005PPM	WP114417
Calibration Std Hexachrome 0.025 ppm	WP114411
Hexavalent Chromium ICV-LCS Std	WP114416
Calibration and CCV std HexChrome 0.5PPM	WP114414
Calibration std HexChrome 1.0PPM	WP114415

Intercept: -0

Slope: 0.7816

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		1.88	0.000	0.000	0.000	0		08/25/2025	15:30
2	CAL2	0.01	1	100	100		1.95	0.000	0.009	0.009	0.011	10	08/25/2025	15:30
3	CAL3	0.025	1	100	100		1.98	0.000	0.019	0.019	0.024	-4	08/25/2025	15:31
4	CAL4	0.05	1	100	100		1.90	0.000	0.038	0.038	0.048	-4	08/25/2025	15:31
5	CAL5	0.1	1	100	100		2.05	0.000	0.079	0.079	0.101	1	08/25/2025	15:32
6	CAL6	0.5	1	100	100		2.00	0.000	0.390	0.390	0.498	-0.4	08/25/2025	15:32
7	CAL7	1	1	100	100		2.01	0.000	0.782	0.782	1.000	0	08/25/2025	15:33

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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		2.03	0.000	0.391	0.391	0.500	08/25/2025	15:33
2	ICB		1	100	100		1.90	0.000	0.000	0.000	0.000	08/25/2025	15:34
3	CCV1	0.5	1	100	100		1.91	0.000	0.393	0.393	0.503	08/25/2025	15:34
4	CCB1		1	100	100		1.65	0.000	0.000	0.000	0.000	08/25/2025	15:35
5	RL Check	0.01	1	100	100		1.84	0.000	0.009	0.009	0.012	08/25/2025	15:35
6	LB136945BL		1	100	100		1.89	0.000	0.000	0.000	0.000	08/25/2025	15:36
7	LB136945BS	0.5	1	100	100		1.99	0.000	0.390	0.390	0.499	08/25/2025	15:36
8	Q2893-12		1	100	100		1.94	0.000	0.005	0.005	0.006	08/25/2025	15:37
9	Q2954-11		1	100	100		2.21	0.000	0.000	0.000	0.000	08/25/2025	15:37
10	Q2954-11DU		1	100	100		2.17	0.000	0.000	0.000	0.000	08/25/2025	15:38
11	Q2954-11MS	1	2	100	100		2.26	0.000	0.377	0.377	0.482	08/25/2025	15:38
12	Q2954-11MS	1	2	100	100		2.20	0.000	0.378	0.378	0.484	08/25/2025	15:39
13	CCV2	0.5	1	100	100		1.88	0.000	0.392	0.392	0.502	08/25/2025	15:39
14	CCB2		1	100	100		1.84	0.000	0.000	0.000	0.000	08/25/2025	15:40

WORKLIST(Hardcopy Internal Chain)

6136945

WorkList Name : HEX-8-25

WorkList ID : 191467

Department : Wet-Chemistry

Date : 08-25-2025 13:37:32

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2893-12	MDL-WATER-06-QT3-2025	Water	Hexavalent Chromium	NONE	ALLI03	QA Of	08/18/2025	SM3500-Cr B
Q2954-11	BRIDGE	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	D41	08/25/2025	SM3500-Cr B

Date/Time 08/25/2025 14:10
Raw Sample Received by: RMWC
Raw Sample Relinquished by: RMWC

Date/Time 08/25/2025 16:00
Raw Sample Received by: RMWC
Raw Sample Relinquished by: RMWC