

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137387

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP115000
Calibration Std. hexchrome 0.05 ppm	WP114999
calibration std. hexchrome 0.01 ppm	WP114997
calibration std. hexchrome 0 ppm	WP114996
hexavalent chromium color reagent	WP114995
0.2N SULFURIC ACID	WP114341
Calibration Std Hexachrome 0.025 ppm	WP114998
Hexavalent Chromium ICV-LCS Std	WP115003
Calibration and CCV std HexChrome 0.5PPM	WP115001
Calibration std HexChrome 1.0PPM	WP115002

Intercept: 0

Slope: 0.7816

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		1.70	0.000	0.000	0.000	0		10/01/2025	17:10
2	CAL2	0.01	1	100	100		1.83	0.000	0.009	0.009	0.011	10	10/01/2025	17:10
3	CAL3	0.025	1	100	100		1.85	0.000	0.019	0.019	0.024	-4	10/01/2025	17:11
4	CAL4	0.05	1	100	100		1.94	0.000	0.039	0.039	0.049	-2	10/01/2025	17:11
5	CAL5	0.1	1	100	100		1.92	0.000	0.078	0.078	0.099	-1	10/01/2025	17:12
6	CAL6	0.5	1	100	100		1.90	0.000	0.390	0.390	0.498	-0.4	10/01/2025	17:12
7	CAL7	1	1	100	100		1.94	0.000	0.782	0.782	1.000	0	10/01/2025	17:13

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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		2.01	0.000	0.392	0.392	0.502	10/01/2025	17:13
2	ICB		1	100	100		1.99	0.000	0.000	0.000	0.000	10/01/2025	17:14
3	CCV1	0.5	1	100	100		2.02	0.000	0.390	0.390	0.499	10/01/2025	17:14
4	CCB1		1	100	100		1.88	0.000	0.000	0.000	0.000	10/01/2025	17:15
5	RL Check	0.01	1	100	100		2.10	0.000	0.009	0.009	0.012	10/01/2025	17:15
6	LB137387BL		1	100	100		2.06	0.000	0.000	0.000	0.000	10/01/2025	17:16
7	LB137387BS	0.5	1	100	100		2.06	0.000	0.400	0.400	0.512	10/01/2025	17:16
8	Q3263-01		1	100	100		2.10	0.000	0.000	0.000	0.000	10/01/2025	17:17
9	Q3263-01DU		1	100	100		2.07	0.000	0.000	0.000	0.000	10/01/2025	17:17
10	Q3263-01MS	1	2	100	100		2.06	0.000	0.385	0.385	0.493	10/01/2025	17:18
11	Q3263-01MS	1	2	100	100		2.11	0.000	0.386	0.386	0.494	10/01/2025	17:18
12	Q3263-02		1	100	100		2.06	0.000	0.000	0.000	0.000	10/01/2025	17:19
13	CCV2	0.5	1	100	100		1.95	0.000	0.391	0.391	0.500	10/01/2025	17:19
14	CCB2		1	100	100		1.92	0.000	0.000	0.000	0.000	10/01/2025	17:20

WORKLIST(Hardcopy Internal Chain)

6137387

WorkList Name : hex-3263

WorkList ID : 192220

Department : Wet-Chemistry

Date : 10-01-2025 14:54:13

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3263-01	251818	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	D31	10/01/2025	SM3500-Cr B
Q3263-02	266380	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	D31	10/01/2025	SM3500-Cr B

Date/Time 10/01/2025 15.30
 Raw Sample Received by: RM Cwy
 Raw Sample Relinquished by: JPLC001

Date/Time 10/01/2025 19.30
 Raw Sample Received by: JPLC001
 Raw Sample Relinquished by: RM Cwy