

Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB136467

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP113934
Calibration Std. hexchrome 0.05 ppm	WP113933
calibration std. hexchrome 0.01 ppm	WP113931
calibration std. hexchrome 0 ppm	WP113930
hexavalent chromium color reagent	WP113840
0.2N SULFURIC ACID	WP111959
Calibration Std Hexachrome 0.025 ppm	WP113932
Hexavalent Chromium ICV-LCS Std	WP113937
Calibration and CCV std HexChrome 0.5PPM	WP113935
Calibration std HexChrome 1.0PPM	WP113936

Intercept: 0.0001

Slope: 0.7819

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		1.69	0.000	0.000	0.000	-0.00		07/14/2025	16:35
2	CAL2	0.01	1	100	100		1.85	0.000	0.009	0.009	0.011	10	07/14/2025	16:35
3	CAL3	0.025	1	100	100		1.90	0.000	0.019	0.019	0.024	-4	07/14/2025	16:36
4	CAL4	0.05	1	100	100		1.88	0.000	0.039	0.039	0.049	-2	07/14/2025	16:36
5	CAL5	0.1	1	100	100		1.93	0.000	0.078	0.078	0.099	-1	07/14/2025	16:37
6	CAL6	0.5	1	100	100		1.88	0.000	0.391	0.391	0.499	-0.2	07/14/2025	16:37
7	CAL7	1	1	100	100		1.90	0.000	0.782	0.782	1	0	07/14/2025	16:38

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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		1.70	0.000	0.390	0.390	0.499	07/14/2025	16:38
2	ICB		1	100	100		1.84	0.000	0.000	0.000	0.000	07/14/2025	16:39
3	CCV1	0.5	1	100	100		1.88	0.000	0.390	0.390	0.499	07/14/2025	16:39
4	CCB1		1	100	100		1.80	0.000	0.000	0.000	0.000	07/14/2025	16:40
5	RL Check	0.01	1	100	100		1.97	0.000	0.009	0.009	0.011	07/14/2025	16:40
6	LB136467BL		1	100	100		1.94	0.000	0.000	0.000	0.000	07/14/2025	16:41
7	LB136467BS	0.5	1	100	100		2.00	0.000	0.390	0.390	0.499	07/14/2025	16:41
8	Q2602-01		1	100	100		1.93	0.000	0.133	0.133	0.170	07/14/2025	16:42
9	Q2602-01DU		1	100	100		1.98	0.000	0.133	0.133	0.170	07/14/2025	16:42
10	Q2602-01MS	1	2	100	100		2.03	0.000	0.519	0.519	0.664	07/14/2025	16:43
11	Q2602-01MS	1	2	100	100		1.99	0.000	0.520	0.520	0.665	07/14/2025	16:43
12	CCV2	0.5	1	100	100		1.85	0.000	0.391	0.391	0.500	07/14/2025	16:44
13	CCB2		1	100	100		1.90	0.000	0.000	0.000	0.000	07/14/2025	16:44

WORKLIST(Hardcopy Internal Chain)

6136467

WorkList Name : HEX-2602

WorkList ID : 190711

Department : Wet-Chemistry

Date : 07-14-2025 14:20:11

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2602-01	FRAC-TANK-266380	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	D31	07/14/2025	SM3500-Cr B

Date/Time 07/14/2025 15:05
 Raw Sample Received by: RM (w/c)
 Raw Sample Relinquished by: JPC (w/c)

Date/Time 07/14/2025 16:55
 Raw Sample Received by: JPC (w/c)
 Raw Sample Relinquished by: RM (w/c)