

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137287

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP114875
Calibration Std. hexchrome 0.05 ppm	WP114874
calibration std. hexchrome 0.01 ppm	WP114872
calibration std. hexchrome 0 ppm	WP114871
hexavalent chromium color reagent	WP114869
5N sulfuric acid	WP112831
Calibration Std Hexachrome 0.025 ppm	WP114873
Hexavalent Chromium ICV-LCS Std	WP114878
Calibration and CCV std HexChrome 0.5PPM	WP114876
Calibration std HexChrome 1.0PPM	WP114877

Intercept: 0.0006

Slope: 0.781

Regression: 0.99998

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		2.01	0.000	0.000	0.000	-0.00		09/24/2025	11:30
2	CAL2	0.01	1	100	100		2.06	0.000	0.008	0.008	0.009	-10	09/24/2025	11:30
3	CAL3	0.025	1	100	100		1.98	0.000	0.019	0.019	0.023	-8	09/24/2025	11:31
4	CAL4	0.05	1	100	100		2.10	0.000	0.038	0.038	0.047	-6	09/24/2025	11:31
5	CAL5	0.1	1	100	100		2.06	0.000	0.081	0.081	0.102	2	09/24/2025	11:32
6	CAL6	0.5	1	100	100		1.88	0.000	0.394	0.394	0.503	0.6	09/24/2025	11:32
7	CAL7	1	1	100	100		2.06	0.000	0.780	0.780	0.997	-0.3	09/24/2025	11:33

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137287

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		1.97	0.000	0.392	0.392	0.501	09/24/2025	11:33
2	ICB		1	100	100		1.94	0.000	0.001	0.001	0.001	09/24/2025	11:34
3	CCV1	0.5	1	100	100		1.98	0.000	0.390	0.390	0.499	09/24/2025	11:34
4	CCB1		1	100	100		2.08	0.000	0.000	0.000	-0.001	09/24/2025	11:35
5	RL Check	0.01	1	100	100		2.06	0.000	0.009	0.009	0.011	09/24/2025	11:35
6	lb137287BL		1	100	100		2.03	0.000	0.001	0.001	0.001	09/24/2025	11:36
7	lb137287BS	0.5	1	100	100		2.07	0.000	0.399	0.399	0.510	09/24/2025	11:36
8	Q3168-05		1	100	100		2.10	0.000	0.000	0.000	-0.001	09/24/2025	11:37
9	Q3168-05DU		1	100	100		2.12	0.000	0.000	0.000	-0.001	09/24/2025	11:37
10	Q3168-05MS	1	2	100	100		2.10	0.000	0.374	0.374	0.478	09/24/2025	11:38
11	Q3168-05MS	1	2	100	100		2.08	0.000	0.375	0.375	0.479	09/24/2025	11:38
12	Q3168-06		1	100	100		2.06	0.000	0.000	0.000	-0.001	09/24/2025	11:39
13	CCV2	0.5	1	100	100		2.02	0.000	0.391	0.391	0.500	09/24/2025	11:39
14	CCB2		1	100	100		2.10	0.000	0.001	0.001	0.001	09/24/2025	11:40

WORKLIST(Hardcopy Internal Chain)

6137242

WorkList Name : bod5-09-19

WorkList ID : 191968

Department : Wet-Chemistry

Date : 09-19-2025 12:06:42

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3135-01	MH-121	Water	BOD5	Cool 4 deg C	PSEG03	D41	09/18/2025	SM5210 B
Q3151-02	1402	Water	BOD5	Cool 4 deg C	PSEG03	D31	09/19/2025	SM5210 B

Date/Time 09/19/2025 14:30
 Raw Sample Received by: RM (ws)
 Raw Sample Relinquished by: RM (ws)

Date/Time 09/19/2025 17:10
 Raw Sample Received by: RM (ws)
 Raw Sample Relinquished by: RM (ws)