

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB136523

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP113982
Calibration Std. hexchrome 0.05 ppm	WP113981
calibration std. hexchrome 0.01 ppm	WP113979
calibration std. hexchrome 0 ppm	WP113978
hexavalent chromium color reagent	WP113966
5N sulfuric acid	WP112831
Calibration Std Hexachrome 0.025 ppm	WP113980
Hexavalent Chromium ICV-LCS Std	WP113985
Calibration and CCV std HexChrome 0.5PPM	WP113983
Calibration std HexChrome 1.0PPM	WP113984

Intercept: -0.0001

Slope: 0.7842

Regression: 0.999984

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		1.94	0.000	0.000	0.000	0.000		07/17/2025	15:30
2	CAL2	0.01	1	100	100		1.99	0.000	0.007	0.007	0.009	-10	07/17/2025	15:30
3	CAL3	0.025	1	100	100		1.83	0.000	0.018	0.018	0.023	-8	07/17/2025	15:31
4	CAL4	0.05	1	100	100		1.88	0.000	0.038	0.038	0.048	-4	07/17/2025	15:31
5	CAL5	0.1	1	100	100		2.00	0.000	0.081	0.081	0.103	3	07/17/2025	15:32
6	CAL6	0.5	1	100	100		1.88	0.000	0.394	0.394	0.502	0.4	07/17/2025	15:32
7	CAL7	1	1	100	100		1.90	0.000	0.783	0.783	0.998	-0.2	07/17/2025	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		1.79	0.000	0.394	0.394	0.503	07/17/2025	15:33
2	ICB		1	100	100		1.83	0.000	0.000	0.000	0.000	07/17/2025	15:34
3	CCV1	0.5	1	100	100		1.98	0.000	0.391	0.391	0.499	07/17/2025	15:34
4	CCB1		1	100	100		1.71	0.000	0.001	0.001	0.001	07/17/2025	15:35
5	RL Check	0.01	1	100	100		1.85	0.000	0.008	0.008	0.010	07/17/2025	15:35
6	LB136523BL		1	100	100		1.90	0.000	0.000	0.000	0.000	07/17/2025	15:36
7	LB136523BS	0.5	1	100	100		1.87	0.000	0.400	0.400	0.510	07/17/2025	15:36
8	Q2633-02		1	100	100		1.92	0.000	0.000	0.000	0.000	07/17/2025	15:37
9	Q2633-02DU		1	100	100		1.99	0.000	0.000	0.000	0.000	07/17/2025	15:37
10	Q2633-02MS	1	2	100	100		2.06	0.000	0.385	0.385	0.491	07/17/2025	15:38
11	Q2633-02MS	1	2	100	100		1.95	0.000	0.387	0.387	0.494	07/17/2025	15:38
12	CCV2	0.5	1	100	100		1.93	0.000	0.390	0.390	0.497	07/17/2025	15:39
13	CCB2		1	100	100		1.88	0.000	0.001	0.001	0.001	07/17/2025	15:39

WORKLIST(Hardcopy Internal Chain)

66136523

WorkList Name : HEX-2033

WorkList ID : 190802

Department : Wet-Chemistry

Date : 07-17-2025 12:42:02

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2633-02	FIBER-GLASS-TANK	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG03	D41	07/17/2025	7196A

Date/Time 07/17/2025 13:15
 Raw Sample Received by: RH (w/12)
 Raw Sample Relinquished by: RUCW

Date/Time 07/17/2025 15:50
 Raw Sample Received by: JPCW
 Raw Sample Relinquished by: RHCW