

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: jignesh

Run Number: LB136957

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
5N sulfuric acid	WP112831
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: 0.0002

Slope: 0.7831

Regression: 0.99999

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		1.74	0.000	0.000	0.000	-0.00		08/25/2025	15:00
2	CAL2	0.01	1	100	100		1.86	0.000	0.006	0.006	0.007	-30	08/25/2025	15:00
3	CAL3	0.025	1	100	100		1.89	0.000	0.020	0.020	0.025	0	08/25/2025	15:01
4	CAL4	0.05	1	100	100		1.84	0.000	0.039	0.039	0.049	-2	08/25/2025	15:01
5	CAL5	0.1	1	100	100		1.92	0.000	0.081	0.081	0.103	3	08/25/2025	15:02
6	CAL6	0.5	1	100	100		1.90	0.000	0.392	0.392	0.500	0	08/25/2025	15:02
7	CAL7	1	1	100	100		1.88	0.000	0.783	0.783	0.999	-0.1	08/25/2025	15:03

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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		1.95	0.000	0.393	0.393	0.502	08/25/2025	15:03
2	ICB		1	100	100		1.92	0.000	0.001	0.001	0.001	08/25/2025	15:04
3	CCV1	0.5	1	100	100		1.84	0.000	0.390	0.390	0.498	08/25/2025	15:04
4	CCB1		1	100	100		1.94	0.000	0.000	0.000	0.000	08/25/2025	15:05
5	RL Check	0.01	1	100	100		1.86	0.000	0.008	0.008	0.010	08/25/2025	15:05
6	LB136957BL		1	100	100		1.72	0.000	0.001	0.001	0.001	08/25/2025	15:06
7	LB136957BS	0.5	1	100	100		2.14	0.000	0.399	0.399	0.509	08/25/2025	15:06
8	Q2893-09		1	100	100		1.98	0.000	0.005	0.005	0.006	08/25/2025	15:07
9	Q2950-01		1	100	100		1.94	0.000	0.000	0.000	0.000	08/25/2025	15:07
10	Q2950-01DU		1	100	100		1.99	0.000	0.000	0.000	0.000	08/25/2025	15:08
11	Q2950-01MS	1	2	100	100		1.90	0.000	0.381	0.381	0.486	08/25/2025	15:08
12	Q2950-01MS	1	2	100	100		2.06	0.000	0.383	0.383	0.489	08/25/2025	15:09
13	CCV2	0.5	1	100	100		2.04	0.000	0.390	0.390	0.498	08/25/2025	15:09
14	CCB2		1	100	100		1.80	0.000	0.000	0.000	0.000	08/25/2025	15:10

WORKLIST(Hardcopy Internal Chain)

16136957

WorkList Name : HEX-2950

WorkList ID : 191490

Department : Wet-Chemistry

Date : 08-25-2025 12:44:43

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2893-09	MDL-WATER-03-QT3-2025	Water	Hexavalent Chromium	NONE	ALLI03	QA 01	08/18/2025	7196A
Q2950-01	402	Water	Hexavalent Chromium	Ammonium sulfate buffer	PSEG04	D41	08/25/2025	7196A

Date/Time 08/25/2025 13.10
 Raw Sample Received by: RY CWA
 Raw Sample Relinquished by: JH CWA

Date/Time 08/25/2025 16.00
 Raw Sample Received by: JH CWA
 Raw Sample Relinquished by: RM CWA