

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137316

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP114869
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
Hexchrome Cleaning Solution	WP114310

Intercept: 0.0004

Slope: 0.7669

Regression: 0.999954

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml)	Final Vol (ml)	pH HNO3	pH H2SO4	Absorb.at 540nm		Absorbance Difference	Result (mg/L)	%D	Anal Date	Anal Time
								Backgrnd	Color					
1	CAL1	0	1	100	100	7.47	1.71	0.000	0.000	0.000	-0.00		09/25/2025	17:00
2	CAL2	0.01	1	100	100	7.40	1.88	0.000	0.008	0.008	0.009	-10	09/25/2025	17:00
3	CAL3	0.025	1	100	100	7.35	1.90	0.000	0.021	0.021	0.026	4	09/25/2025	17:01
4	CAL4	0.05	1	100	100	7.52	1.97	0.000	0.040	0.040	0.051	2	09/25/2025	17:01
5	CAL5	0.1	1	100	100	7.36	1.94	0.000	0.078	0.078	0.101	1	09/25/2025	17:02
6	CAL6	0.5	1	100	100	7.42	2.06	0.000	0.378	0.378	0.492	-1.6	09/25/2025	17:02
7	CAL7	1	1	100	100	7.52	1.88	0.000	0.770	0.770	1.003	0.3	09/25/2025	17:03

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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	7.36	2.10	0.000	0.381	0.381	0.496	09/25/2025	17:03
2	ICB		1	100	100	7.40	1.90	0.000	0.000	0.000	-0.001	09/25/2025	17:04
3	CCV1	0.5	1	100	100	7.54	1.97	0.000	0.376	0.376	0.490	09/25/2025	17:04
4	CCB1		1	100	100	7.44	2.06	0.000	0.000	0.000	-0.001	09/25/2025	17:05
5	RL Check	0.01	1	100	100	7.34	1.98	0.000	0.009	0.009	0.011	09/25/2025	17:05
6	PB169838BL		1	2.50	100	7.36	2.02	0.000	0.001	0.001	0.001	09/25/2025	17:06
7	PB169838BS	20	1	2.50	100	7.39	2.06	0.000	0.381	0.381	0.496	09/25/2025	17:06
8	Q3140-01		1	2.55	100	7.52	1.88	0.020	0.020	0.000	-0.001	09/25/2025	17:07
9	Q3167-01		1	2.51	100	7.58	2.06	0.020	0.021	0.001	0.001	09/25/2025	17:07
10	Q3183-01		1	2.58	100	7.36	2.10	0.014	0.015	0.001	0.001	09/25/2025	17:08
11	Q3183-04		1	2.55	100	7.52	1.88	0.022	0.022	0.000	-0.001	09/25/2025	17:08
12	Q3183-07		1	2.57	100	7.42	2.19	0.004	0.007	0.003	0.003	09/25/2025	17:09
13	Q3188-01		1	2.54	100	7.36	1.90	0.000	0.000	0.000	-0.001	09/25/2025	17:09
14	Q3188-01DU		1	2.54	100	7.40	1.95	0.000	0.000	0.000	-0.001	09/25/2025	17:10
15	Q3188-01MS	40	2	2.52	100	7.36	1.90	0.000	0.311	0.311	0.405	09/25/2025	17:10
16	CCV2	0.5	1	100	100	7.40	1.92	0.000	0.379	0.379	0.494	09/25/2025	17:11
17	CCB2		1	100	100	7.39	1.80	0.000	0.001	0.001	0.001	09/25/2025	17:11
18	Q3188-01MS	1284	40	2.55	100	7.52	1.98	0.000	0.595	0.595	0.775	09/25/2025	17:12
19	Q3188-01MS	40	2	2.54	100	7.39	2.00	0.000	0.358	0.358	0.466	09/25/2025	17:12
20	Q3197-01		1	2.57	100	7.52	2.10	0.010	0.011	0.001	0.001	09/25/2025	17:13
21	Q3208-01		1	2.52	100	7.52	2.15	0.037	0.038	0.001	0.001	09/25/2025	17:13
22	Q3208-07		1	2.55	100	7.60	2.19	0.038	0.038	0.000	-0.001	09/25/2025	17:14
23	CCV3	0.5	1	100	100	7.35	1.90	0.000	0.376	0.376	0.490	09/25/2025	17:14
24	CCB3		1	100	100	7.25	1.94	0.000	0.001	0.001	0.001	09/25/2025	17:15