

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137190

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP114755
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
Hexchrome Cleaning Solution	WP114310

Intercept: 0.0008

Slope: 0.7625

Regression: 0.999952

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	7.36	1.77	0.000	0.000	0.000	-0.00		09/15/2025	12:30
2	CAL2	0.01	1	100	100	7.55	2.10	0.000	0.009	0.009	0.008	-20	09/15/2025	12:30
3	CAL3	0.025	1	100	100	7.42	1.90	0.000	0.021	0.021	0.027	8	09/15/2025	12:31
4	CAL4	0.05	1	100	100	7.31	1.88	0.000	0.040	0.040	0.052	4	09/15/2025	12:31
5	CAL5	0.1	1	100	100	7.40	2.02	0.000	0.078	0.078	0.101	1	09/15/2025	12:32
6	CAL6	0.5	1	100	100	7.54	1.92	0.000	0.376	0.376	0.492	-1.6	09/15/2025	12:32
7	CAL7	1	1	100	100	7.50	1.98	0.000	0.766	0.766	1.003	0.3	09/15/2025	12:33

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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	7.39	1.84	0.000	0.381	0.381	0.499	09/15/2025	12:33
2	ICB		1	100	100	7.27	1.70	0.000	0.001	0.001	0.000	09/15/2025	12:34
3	CCV1	0.5	1	100	100	7.45	1.89	0.000	0.378	0.378	0.495	09/15/2025	12:34
4	CCB1		1	100	100	7.51	1.92	0.000	0.000	0.000	-0.001	09/15/2025	12:35
5	RL Check	0.01	1	100	100	7.53	2.05	0.000	0.009	0.009	0.011	09/15/2025	12:35
6	PB169687BL		1	2.50	100	7.47	1.90	0.000	0.001	0.001	0.000	09/15/2025	12:36
7	PB169687BS	20	1	2.50	100	7.41	2.06	0.000	0.381	0.381	0.499	09/15/2025	12:36
8	Q3082-01		1	2.52	100	7.42	2.06	0.000	0.001	0.001	0.000	09/15/2025	12:37
9	Q3082-01DU		1	2.52	100	7.36	2.10	0.000	0.001	0.001	0.000	09/15/2025	12:37
10	Q3082-01MS	40	2	2.54	100	7.34	2.11	0.000	0.297	0.297	0.388	09/15/2025	12:38
11	Q3082-01MS	1284	40	2.52	100	7.46	2.01	0.000	0.599	0.599	0.785	09/15/2025	12:38
12	Q3082-01MS	40	2	2.55	100	7.42	2.14	0.000	0.359	0.359	0.470	09/15/2025	12:39
13	Q3082-03		1	2.57	100	7.60	1.88	0.006	0.012	0.006	0.007	09/15/2025	12:39
14	Q3082-05		1	2.54	100	7.67	2.10	0.000	0.000	0.000	-0.001	09/15/2025	12:40
15	Q3082-07		1	2.52	100	7.40	2.32	0.005	0.009	0.004	0.004	09/15/2025	12:40
16	CCV2	0.5	1	100	100	7.34	2.01	0.000	0.379	0.379	0.496	09/15/2025	12:41
17	CCB2		1	100	100	7.30	1.82	0.000	0.001	0.001	0.000	09/15/2025	12:41
18	Q3082-09		1	2.56	100	7.50	1.90	0.009	0.010	0.001	0.000	09/15/2025	12:42
19	CCV3	0.5	1	100	100	7.57	1.94	0.000	0.376	0.376	0.492	09/15/2025	12:42
20	CCB3		1	100	100	7.22	1.73	0.000	0.000	0.000	-0.001	09/15/2025	12:43