

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137158

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP114600
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
Hexchrome Cleaning Solution	WP114310

Intercept: 0.0009

Slope: 0.7647

Regression: 0.999958

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	1.97	0.000	0.000	0.000	-0.00		09/11/2025	14:10
2	CAL2	0.01	1	100	100	7.52	1.90	0.000	0.009	0.009	0.010	0	09/11/2025	14:10
3	CAL3	0.025	1	100	100	7.39	1.98	0.000	0.021	0.021	0.026	4	09/11/2025	14:11
4	CAL4	0.05	1	100	100	7.54	1.88	0.000	0.039	0.039	0.049	-2	09/11/2025	14:11
5	CAL5	0.1	1	100	100	7.45	2.06	0.000	0.080	0.080	0.103	3	09/11/2025	14:12
6	CAL6	0.5	1	100	100	7.42	1.90	0.000	0.378	0.378	0.493	-1.4	09/11/2025	14:12
7	CAL7	1	1	100	100	7.49	1.94	0.000	0.768	0.768	1.003	0.3	09/11/2025	14:13

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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	7.40	1.88	0.000	0.382	0.382	0.498	09/11/2025	14:13
2	ICB		1	100	100	7.48	1.71	0.000	0.000	0.000	-0.001	09/11/2025	14:14
3	CCV1	0.5	1	100	100	7.37	1.92	0.000	0.377	0.377	0.492	09/11/2025	14:14
4	CCB1		1	100	100	7.31	1.82	0.000	0.001	0.001	0.000	09/11/2025	14:15
5	RL Check	0.01	1	100	100	7.46	1.99	0.000	0.010	0.010	0.012	09/11/2025	14:15
6	PB169659BL		1	2.50	100	7.50	2.00	0.000	0.001	0.001	0.000	09/11/2025	14:16
7	PB169659BS	20	1	2.50	100	7.34	2.06	0.000	0.377	0.377	0.492	09/11/2025	14:16
8	Q3054-01		1	2.55	100	7.52	2.21	0.000	0.000	0.000	-0.001	09/11/2025	14:17
9	Q3054-01DU		1	2.56	100	7.57	2.17	0.000	0.000	0.000	-0.001	09/11/2025	14:17
10	Q3054-01MS	40	2	2.54	100	7.55	1.85	0.000	0.322	0.322	0.420	09/11/2025	14:18
11	Q3054-01MS	1284	40	2.57	100	7.60	1.90	0.000	0.604	0.604	0.789	09/11/2025	14:18
12	Q3054-01MS	40	2	2.55	100	7.60	1.97	0.000	0.361	0.361	0.471	09/11/2025	14:19
13	Q3054-05		1	2.51	100	7.68	2.10	0.000	0.000	0.000	-0.001	09/11/2025	14:19
14	Q3055-01		1	2.57	100	7.52	2.06	0.038	0.038	0.000	-0.001	09/11/2025	14:20
15	Q3056-01		1	2.53	100	7.36	1.94	0.038	0.038	0.000	-0.001	09/11/2025	14:20
16	CCV2	0.5	1	100	100	7.36	1.82	0.000	0.381	0.381	0.497	09/11/2025	14:21
17	CCB2		1	100	100	7.55	2.10	0.000	0.001	0.001	0.000	09/11/2025	14:21
18	Q3059-01		1	2.55	100	7.40	2.32	0.002	0.002	0.000	-0.001	09/11/2025	14:22
19	Q3072-01		1	2.53	100	7.39	2.10	0.005	0.011	0.006	0.007	09/11/2025	14:22
20	Q3080-01		1	2.57	100	7.57	2.14	0.003	0.004	0.001	0.000	09/11/2025	14:23
21	CCV3	0.5	1	100	100	7.56	1.90	0.000	0.378	0.378	0.493	09/11/2025	14:23
22	CCB3		1	100	100	7.36	1.62	0.000	0.000	0.000	-0.001	09/11/2025	14:24