

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135242

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP112511
5N sulfuric acid	WP110380
HNO3 Hex-Chrome, 5M	WP110381
Hexchrome Cleaning Solution	WP111249

Intercept: -0.0001

Slope: 0.7619

Regression: 0.999934

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	7.27	1.82	0.000	0.000	0.000	0.000		03/31/2025	14:30
2	CAL2	0.01	1	100	100	7.35	1.94	0.000	0.007	0.007	0.009	-10	03/31/2025	14:31
3	CAL3	0.025	1	100	100	7.43	1.98	0.000	0.021	0.021	0.027	8	03/31/2025	14:32
4	CAL4	0.05	1	100	100	7.51	1.88	0.000	0.038	0.038	0.050	0	03/31/2025	14:33
5	CAL5	0.1	1	100	100	7.48	1.85	0.000	0.078	0.078	0.102	2	03/31/2025	14:34
6	CAL6	0.5	1	100	100	7.40	1.92	0.000	0.374	0.374	0.491	-1.8	03/31/2025	14:35
7	CAL7	1	1	100	100	7.45	1.88	0.000	0.765	0.765	1.004	0.4	03/31/2025	14:36

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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	7.32	1.90	0.000	0.372	0.372	0.488	03/31/2025	14:37
2	ICB		1	100	100	7.30	1.84	0.000	0.001	0.001	0.001	03/31/2025	14:38
3	CCV1	0.5	1	100	100	7.39	1.97	0.000	0.379	0.379	0.498	03/31/2025	14:39
4	CCB1		1	100	100	7.35	1.76	0.000	0.000	0.000	0.000	03/31/2025	14:40
5	RL Check	0.01	1	100	100	7.45	1.98	0.000	0.008	0.008	0.011	03/31/2025	14:41
6	PB167377BL		1	2.50	100	7.36	1.90	0.000	0.000	0.000	0.000	03/31/2025	14:42
7	PB167377BS	20	1	2.50	100	7.51	2.04	0.000	0.373	0.373	0.490	03/31/2025	14:43
8	Q1662-01		1	2.56	100	7.52	2.24	0.001	0.002	0.001	0.001	03/31/2025	14:44
9	Q1662-01DU		1	2.56	100	7.59	2.20	0.001	0.002	0.001	0.001	03/31/2025	14:45
10	Q1662-01MS	40	2	2.55	100	7.60	2.17	0.000	0.300	0.300	0.394	03/31/2025	14:46
11	Q1662-01MS	1284	40	2.56	100	7.55	2.20	0.000	0.610	0.610	0.801	03/31/2025	14:47
12	Q1662-01MS	40	2	2.55	100	7.52	2.26	0.000	0.378	0.378	0.496	03/31/2025	14:48
13	Q1662-05		1	2.53	100	7.60	2.10	0.003	0.003	0.000	0.000	03/31/2025	14:49
14	Q1671-01		1	2.55	100	7.72	2.06	0.002	0.002	0.000	0.000	03/31/2025	14:50
15	Q1672-01		1	2.57	100	7.63	2.16	0.001	0.001	0.000	0.000	03/31/2025	14:51
16	CCV2	0.5	1	100	100	7.42	1.90	0.000	0.376	0.376	0.494	03/31/2025	14:52
17	CCB2		1	100	100	7.24	1.76	0.000	0.001	0.001	0.001	03/31/2025	14:53
18	Q1674-01		1	2.52	100	7.57	2.14	0.012	0.012	0.000	0.000	03/31/2025	14:54
19	Q1674-03		1	2.55	100	7.54	2.24	0.017	0.018	0.001	0.001	03/31/2025	14:55
20	Q1679-01		1	2.52	100	7.66	2.32	0.002	0.002	0.000	0.000	03/31/2025	14:56
21	Q1679-05		1	2.55	100	7.69	2.38	0.009	0.010	0.001	0.001	03/31/2025	14:57
22	CCV3	0.5	1	100	100	7.49	1.99	0.001	0.372	0.371	0.487	03/31/2025	14:58
23	CCB3		1	100	100	7.40	1.88	0.000	0.001	0.001	0.001	03/31/2025	14:59