

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB136569

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP113966
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
Hexchrome Cleaning Solution	WP113087

Intercept: 0.0001

Slope: 0.7656

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	7.29	1.94	0.000	0.000	0.000	-0.00		07/22/2025	14:00
2	CAL2	0.01	1	100	100	7.49	2.02	0.000	0.007	0.007	0.009	-10	07/22/2025	14:01
3	CAL3	0.025	1	100	100	7.35	1.98	0.000	0.021	0.021	0.027	8	07/22/2025	14:02
4	CAL4	0.05	1	100	100	7.40	1.94	0.000	0.040	0.040	0.052	4	07/22/2025	14:03
5	CAL5	0.1	1	100	100	7.52	1.99	0.000	0.078	0.078	0.101	1	07/22/2025	14:04
6	CAL6	0.5	1	100	100	7.50	2.06	0.000	0.376	0.376	0.490	-2	07/22/2025	14:05
7	CAL7	1	1	100	100	7.45	2.01	0.000	0.769	0.769	1.004	0.4	07/22/2025	14:06

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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	7.52	2.02	0.000	0.379	0.379	0.495	07/22/2025	14:07
2	ICB		1	100	100	7.39	1.92	0.000	0.001	0.001	0.001	07/22/2025	14:08
3	CCV1	0.5	1	100	100	7.42	2.06	0.000	0.375	0.375	0.490	07/22/2025	14:09
4	CCB1		1	100	100	7.24	1.88	0.000	0.001	0.001	0.001	07/22/2025	14:10
5	RL Check	0.01	1	100	100	7.45	1.87	0.000	0.008	0.008	0.010	07/22/2025	14:11
6	PB168944BL		1	2.50	100	7.21	1.77	0.000	0.000	0.000	0.000	07/22/2025	14:12
7	PB168944BS	20	1	2.50	100	7.49	1.90	0.000	0.379	0.379	0.495	07/22/2025	14:13
8	Q2649-01		1	2.56	100	7.51	2.24	0.000	0.001	0.001	0.001	07/22/2025	14:14
9	Q2649-01DU		1	2.56	100	7.57	2.22	0.000	0.001	0.001	0.001	07/22/2025	14:15
10	Q2649-01MS	40	2	2.58	100	7.52	2.19	0.000	0.299	0.299	0.390	07/22/2025	14:16
11	Q2649-01MS	1284	40	2.57	100	7.56	2.25	0.000	0.594	0.594	0.776	07/22/2025	14:17
12	Q2649-01MS	40	2	2.56	100	7.60	2.27	0.000	0.351	0.351	0.458	07/22/2025	14:18
13	Q2649-05		1	2.51	100	7.63	2.23	0.000	0.000	0.000	0.000	07/22/2025	14:19
14	Q2649-09		1	2.54	100	7.39	2.10	0.000	0.001	0.001	0.001	07/22/2025	14:20
15	Q2649-13		1	2.57	100	7.67	2.06	0.000	0.076	0.076	0.099	07/22/2025	14:21
16	CCV2	0.5	1	100	100	7.39	1.88	0.000	0.376	0.376	0.491	07/22/2025	14:22
17	CCB2		1	100	100	7.44	1.80	0.000	0.001	0.001	0.001	07/22/2025	14:23
18	Q2649-17		1	2.55	100	7.35	2.01	0.009	0.010	0.001	0.001	07/22/2025	14:24
19	Q2649-21		1	2.53	100	7.71	1.94	0.000	0.000	0.000	0.000	07/22/2025	14:25
20	CCV3	0.5	1	100	100	7.36	1.99	0.000	0.379	0.379	0.495	07/22/2025	14:26
21	CCB3		1	100	100	7.52	1.85	0.000	0.000	0.000	0.000	07/22/2025	14:27