

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB136645

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP114060
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
Hexchrome Cleaning Solution	WP113087

Intercept: -0.0001

Slope: 0.7655

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	1.71	0.000	0.000	0.000	0.000		07/29/2025	12:10
2	CAL2	0.01	1	100	100	7.45	1.85	0.000	0.008	0.008	0.010	0	07/29/2025	12:11
3	CAL3	0.025	1	100	100	7.40	1.89	0.000	0.020	0.020	0.026	4	07/29/2025	12:12
4	CAL4	0.05	1	100	100	7.44	1.92	0.000	0.038	0.038	0.049	-2	07/29/2025	12:13
5	CAL5	0.1	1	100	100	7.39	1.88	0.000	0.078	0.078	0.102	2	07/29/2025	12:14
6	CAL6	0.5	1	100	100	7.49	1.94	0.000	0.377	0.377	0.492	-1.6	07/29/2025	12:15
7	CAL7	1	1	100	100	7.45	1.84	0.000	0.768	0.768	1.003	0.3	07/29/2025	12:16

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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	2.02	0.000	0.380	0.380	0.497	07/29/2025	12:17
2	ICB		1	100	100	7.22	1.97	0.000	0.001	0.001	0.001	07/29/2025	12:18
3	CCV1	0.5	1	100	100	7.42	1.94	0.000	0.377	0.377	0.493	07/29/2025	12:19
4	CCB1		1	100	100	7.38	1.62	0.000	0.000	0.000	0.000	07/29/2025	12:20
5	RL Check	0.01	1	100	100	7.48	1.96	0.000	0.008	0.008	0.011	07/29/2025	12:21
6	PB169023BL		1	2.50	100	7.32	1.94	0.000	0.000	0.000	0.000	07/29/2025	12:22
7	PB169023BS	20	1	2.50	100	7.50	2.06	0.000	0.375	0.375	0.490	07/29/2025	12:23
8	Q2691-01		1	2.52	100	7.60	1.88	0.019	0.020	0.001	0.001	07/29/2025	12:24
9	Q2691-07		1	2.54	100	7.53	2.10	0.004	0.004	0.000	0.000	07/29/2025	12:25
10	Q2700-01		1	2.58	100	7.36	2.28	0.005	0.006	0.001	0.001	07/29/2025	12:26
11	Q2703-01		1	2.58	100	7.33	2.27	0.010	0.010	0.000	0.000	07/29/2025	12:27
12	Q2706-01		1	2.55	100	7.56	2.20	0.001	0.001	0.000	0.000	07/29/2025	12:28
13	Q2706-03		1	2.53	100	7.44	2.10	0.000	0.000	0.000	0.000	07/29/2025	12:29
14	Q2706-03DU		1	2.54	100	7.42	2.11	0.000	0.000	0.000	0.000	07/29/2025	12:30
15	Q2706-03MS	40	2	2.53	100	7.45	2.07	0.000	0.329	0.329	0.430	07/29/2025	12:31
16	CCV2	0.5	1	100	100	7.52	1.90	0.000	0.380	0.380	0.497	07/29/2025	12:32
17	CCB2		1	100	100	7.42	2.12	0.000	0.001	0.001	0.001	07/29/2025	12:33
18	Q2706-03MS	1284	40	2.53	100	7.48	2.17	0.000	0.604	0.604	0.789	07/29/2025	12:34
19	Q2706-03MS	40	2	2.55	100	7.40	2.10	0.000	0.372	0.372	0.486	07/29/2025	12:35
20	Q2709-01		1	2.51	100	7.60	2.31	0.000	0.001	0.001	0.001	07/29/2025	12:36
21	CCV3	0.5	1	100	100	7.35	2.10	0.000	0.375	0.375	0.490	07/29/2025	12:37
22	CCB3		1	100	100	7.19	1.88	0.000	0.001	0.001	0.001	07/29/2025	12:38