

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137917

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP115688
5N sulfuric acid	WP115340
HNO3 Hex-Chrome, 5M	WP115339
Hexchrome Cleaning Solution	WP114310

Intercept: 0.0009

Slope: 0.7658

Regression: 0.999967

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml)	Final Vol (ml)	pH HNO3	pH H2SO4	Absorb.at 540nm		Absorbance Difference	Result (mg/L)	%D	Anal Date	Anal Time
								Backgrnd	Color					
1	CAL1	0	1	100	100	7.22	1.70	0.000	0.000	0.000	-0.00		11/17/2025	15:00
2	CAL2	0.01	1	100	100	7.31	1.91	0.000	0.009	0.009	0.010	0	11/17/2025	15:00
3	CAL3	0.025	1	100	100	7.36	1.90	0.000	0.021	0.021	0.026	4	11/17/2025	15:01
4	CAL4	0.05	1	100	100	7.39	1.84	0.000	0.040	0.040	0.051	2	11/17/2025	15:01
5	CAL5	0.1	1	100	100	7.36	1.88	0.000	0.079	0.079	0.101	1	11/17/2025	15:02
6	CAL6	0.5	1	100	100	7.40	1.94	0.000	0.379	0.379	0.493	-1.4	11/17/2025	15:02
7	CAL7	1	1	100	100	7.35	2.06	0.000	0.769	0.769	1.003	0.3	11/17/2025	15:03

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Run Number: LB137917

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	7.41	1.88	0.000	0.375	0.375	0.489	11/17/2025	15:03
2	ICB		1	100	100	7.32	1.83	0.000	0.001	0.001	0.000	11/17/2025	15:04
3	CCV1	0.5	1	100	100	7.34	1.90	0.000	0.377	0.377	0.491	11/17/2025	15:04
4	CCB1		1	100	100	7.36	1.92	0.000	0.000	0.000	-0.001	11/17/2025	15:05
5	RL Check	0.01	1	100	100	7.42	1.97	0.000	0.009	0.009	0.011	11/17/2025	15:05
6	PB170570BL		1	2.50	100	7.38	1.97	0.000	0.000	0.000	-0.001	11/17/2025	15:06
7	PB170570BS	20	1	2.50	100	7.40	2.00	0.000	0.380	0.380	0.495	11/17/2025	15:06
8	Q3631-01		1	2.57	100	7.48	2.10	0.035	0.035	0.000	-0.001	11/17/2025	15:07
9	Q3631-03		1	2.54	100	7.52	2.07	0.036	0.036	0.000	-0.001	11/17/2025	15:07
10	Q3633-01		1	2.54	100	7.60	2.01	0.030	0.031	0.001	0.000	11/17/2025	15:08
11	Q3633-03		1	2.51	100	7.36	2.10	0.035	0.035	0.000	-0.001	11/17/2025	15:08
12	Q3633-05		1	2.56	100	7.36	2.15	0.036	0.036	0.000	-0.001	11/17/2025	15:09
13	Q3641-01		1	2.52	100	7.47	2.06	0.003	0.012	0.009	0.011	11/17/2025	15:09
14	Q3645-01		1	2.55	100	7.52	2.01	0.000	0.000	0.000	-0.001	11/17/2025	15:10
15	Q3645-01DU		1	2.54	100	7.55	2.06	0.000	0.000	0.000	-0.001	11/17/2025	15:10
16	CCV2	0.5	1	100	100	7.50	2.06	0.000	0.379	0.379	0.494	11/17/2025	15:11
17	CCB2		1	100	100	7.42	1.90	0.000	0.001	0.001	0.000	11/17/2025	15:11
18	Q3645-01MS	40	2	2.55	100	7.47	1.98	0.000	0.311	0.311	0.405	11/17/2025	15:12
19	Q3645-01MS	1284	40	2.54	100	7.54	2.00	0.000	0.599	0.599	0.781	11/17/2025	15:12
20	Q3645-01MS	40	2	2.55	100	7.56	2.10	0.000	0.360	0.360	0.469	11/17/2025	15:12
21	Q3646-01		1	2.54	100	7.56	2.19	0.000	0.000	0.000	-0.001	11/17/2025	15:13
22	Q3647-01		1	2.53	100	7.50	2.00	0.000	0.121	0.121	0.157	11/17/2025	15:13
23	Q3648-01		1	2.57	100	7.60	2.23	0.000	0.001	0.001	0.000	11/17/2025	15:14
24	Q3649-06		1	2.55	100	7.40	2.17	0.003	0.007	0.004	0.004	11/17/2025	15:14
25	CCV3	0.5	1	100	100	7.40	2.11	0.000	0.375	0.375	0.489	11/17/2025	15:15
26	CCB3		1	100	100	7.47	1.89	0.000	0.001	0.001	0.000	11/17/2025	15:15