

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135680

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP112959
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
Hexchrome Cleaning Solution	WP111249

Intercept: 0.0017

Slope: 0.7673

Regression: 0.99999

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	7.30	1.96	0.000	0.000	0.000	-0.00		05/06/2025	12:00
2	CAL2	0.01	1	100	100	7.38	2.01	0.000	0.009	0.009	0.009	-10	05/06/2025	12:01
3	CAL3	0.025	1	100	100	7.42	1.92	0.000	0.021	0.021	0.025	0	05/06/2025	12:02
4	CAL4	0.05	1	100	100	7.48	1.98	0.000	0.040	0.040	0.049	-2	05/06/2025	12:03
5	CAL5	0.1	1	100	100	7.39	1.99	0.000	0.081	0.081	0.103	3	05/06/2025	12:04
6	CAL6	0.5	1	100	100	7.44	1.90	0.000	0.385	0.385	0.499	-0.2	05/06/2025	12:05
7	CAL7	1	1	100	100	7.40	1.88	0.000	0.769	0.769	1	0	05/06/2025	12:06

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Run Number: LB135680

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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	7.44	2.00	0.000	0.380	0.380	0.493	05/06/2025	12:07
2	ICB		1	100	100	7.27	1.88	0.000	0.001	0.001	-0.001	05/06/2025	12:08
3	CCV1	0.5	1	100	100	7.47	1.91	0.000	0.378	0.378	0.490	05/06/2025	12:09
4	CCB1		1	100	100	7.24	1.82	0.000	0.001	0.001	-0.001	05/06/2025	12:10
5	RL Check	0.01	1	100	100	7.40	1.95	0.000	0.010	0.010	0.011	05/06/2025	12:11
6	PB167869BL		1	2.50	100	7.35	1.77	0.000	0.000	0.000	-0.002	05/06/2025	12:12
7	PB167869BS	20	1	2.50	100	7.49	1.88	0.000	0.382	0.382	0.496	05/06/2025	12:13
8	Q1938-01		1	2.57	100	7.39	2.06	0.035	0.036	0.001	-0.001	05/06/2025	12:14
9	Q1938-03		1	2.55	100	7.59	2.17	0.025	0.025	0.000	-0.002	05/06/2025	12:15
10	Q1938-05		1	2.58	100	7.60	2.03	0.025	0.026	0.001	-0.001	05/06/2025	12:16
11	Q1938-07		1	2.53	100	7.60	2.15	0.004	0.004	0.000	-0.002	05/06/2025	12:17
12	Q1938-07DU		1	2.53	100	7.61	2.10	0.004	0.004	0.000	-0.002	05/06/2025	12:18
13	Q1938-07MS	40	2	2.52	100	7.56	2.08	0.000	0.309	0.309	0.400	05/06/2025	12:19
14	Q1938-07MS	1284	40	2.53	100	7.65	2.10	0.000	0.612	0.612	0.795	05/06/2025	12:20
15	Q1938-07MS	40	2	2.53	100	7.69	2.20	0.000	0.370	0.370	0.480	05/06/2025	12:21
16	CCV2	0.5	1	100	100	7.53	1.85	0.000	0.383	0.383	0.497	05/06/2025	12:22
17	CCB2		1	100	100	7.39	1.90	0.000	0.000	0.000	-0.002	05/06/2025	12:23
18	Q1947-01		1	2.51	100	7.60	2.20	0.020	0.020	0.000	-0.002	05/06/2025	12:24
19	Q1947-05		1	2.58	100	7.52	2.29	0.002	0.002	0.000	-0.002	05/06/2025	12:25
20	Q1951-01		1	2.55	100	7.42	2.11	0.020	0.020	0.000	-0.002	05/06/2025	12:26
21	Q1960-02		1	2.52	100	7.74	2.06	0.028	0.033	0.005	0.004	05/06/2025	12:27
22	Q1961-01		1	2.52	100	7.33	2.17	0.004	0.005	0.001	-0.001	05/06/2025	12:28
23	CCV3	0.5	1	100	100	7.36	1.99	0.000	0.383	0.383	0.497	05/06/2025	12:29
24	CCB3		1	100	100	7.24	1.73	0.000	0.001	0.001	-0.001	05/06/2025	12:30