

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135372

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP112638
5N sulfuric acid	WP110380
HNO3 Hex-Chrome, 5M	WP110381
Hexchrome Cleaning Solution	WP111249

Intercept: 0.0008

Slope: 0.7676

Regression: 0.999993

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	7.39	1.91	0.000	0.000	0.000	-0.00		04/10/2025	12:00
2	CAL2	0.01	1	100	100	7.47	1.90	0.000	0.008	0.008	0.009	-10	04/10/2025	12:01
3	CAL3	0.025	1	100	100	7.36	1.96	0.000	0.021	0.021	0.026	4	04/10/2025	12:02
4	CAL4	0.05	1	100	100	7.52	1.88	0.000	0.039	0.039	0.049	-2	04/10/2025	12:03
5	CAL5	0.1	1	100	100	7.42	1.82	0.000	0.079	0.079	0.101	1	04/10/2025	12:04
6	CAL6	0.5	1	100	100	7.49	1.90	0.000	0.383	0.383	0.497	-0.6	04/10/2025	12:05
7	CAL7	1	1	100	100	7.53	2.01	0.000	0.769	0.769	1.000	0	04/10/2025	12:06

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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	7.49	1.91	0.000	0.385	0.385	0.501	04/10/2025	12:07
2	ICB		1	100	100	7.24	1.80	0.000	0.000	0.000	-0.001	04/10/2025	12:08
3	CCV1	0.5	1	100	100	7.46	1.88	0.000	0.382	0.382	0.497	04/10/2025	12:09
4	CCB1		1	100	100	7.32	1.77	0.000	0.001	0.001	0.000	04/10/2025	12:10
5	RL Check	0.01	1	100	100	7.45	1.90	0.000	0.010	0.010	0.012	04/10/2025	12:11
6	PB167531BL		1	2.50	100	7.29	1.72	0.000	0.000	0.000	-0.001	04/10/2025	12:12
7	PB167531BS	20	1	2.50	100	7.50	2.02	0.000	0.385	0.385	0.501	04/10/2025	12:13
8	Q1752-01		1	2.57	100	7.52	1.98	0.006	0.007	0.001	0.000	04/10/2025	12:14
9	Q1752-03		1	2.55	100	7.42	1.88	0.015	0.015	0.000	-0.001	04/10/2025	12:15
10	Q1752-05		1	2.58	100	7.60	2.06	0.010	0.011	0.001	0.000	04/10/2025	12:16
11	Q1752-07		1	2.51	100	7.67	1.92	0.014	0.014	0.000	-0.001	04/10/2025	12:17
12	Q1753-01		1	2.57	100	7.72	2.10	0.002	0.002	0.000	-0.001	04/10/2025	12:18
13	Q1753-01DU		1	2.57	100	7.67	2.06	0.002	0.002	0.000	-0.001	04/10/2025	12:19
14	Q1753-01MS	40	2	2.56	100	7.69	2.06	0.000	0.298	0.298	0.387	04/10/2025	12:20
15	Q1753-01MS	1284	40	2.57	100	7.65	2.16	0.000	0.589	0.589	0.766	04/10/2025	12:21
16	CCV2	0.5	1	100	100	7.40	1.97	0.000	0.382	0.382	0.497	04/10/2025	12:22
17	CCB2		1	100	100	7.25	1.95	0.000	0.001	0.001	0.000	04/10/2025	12:23
18	Q1753-01MS	40	2	2.56	100	7.70	2.10	0.000	0.359	0.359	0.467	04/10/2025	12:24
19	Q1753-05		1	2.57	100	7.60	2.10	0.004	0.005	0.001	0.000	04/10/2025	12:25
20	Q1754-01		1	2.54	100	7.52	1.90	0.022	0.022	0.000	-0.001	04/10/2025	12:26
21	Q1754-03		1	2.52	100	7.52	2.04	0.004	0.010	0.006	0.007	04/10/2025	12:27
22	Q1756-01		1	2.55	100	7.57	2.22	0.010	0.010	0.000	-0.001	04/10/2025	12:28
23	Q1760-01		1	2.51	100	7.54	2.30	0.001	0.001	0.000	-0.001	04/10/2025	12:29
24	Q1760-05		1	2.55	100	7.52	2.16	0.001	0.002	0.001	0.000	04/10/2025	12:30
25	Q1771-01		1	2.56	100	7.42	2.10	0.007	0.008	0.001	0.000	04/10/2025	12:31
26	Q1771-05		1	2.54	100	7.40	2.07	0.002	0.002	0.000	-0.001	04/10/2025	12:32
27	Q1771-09		1	2.52	100	7.36	2.13	0.001	0.001	0.000	-0.001	04/10/2025	12:33
28	CCV3	0.5	1	100	100	7.54	1.85	0.000	0.383	0.383	0.498	04/10/2025	12:34
29	CCB3		1	100	100	7.44	1.98	0.000	0.000	0.000	-0.001	04/10/2025	12:35