

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137525

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP115123
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
Hexchrome Cleaning Solution	WP114310

Intercept: 0.0004

Slope: 0.7673

Regression: 0.999933

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	7.25	1.74	0.000	0.000	0.000	-0.00		10/15/2025	11:40
2	CAL2	0.01	1	100	100	7.36	2.06	0.000	0.008	0.008	0.009	-10	10/15/2025	11:40
3	CAL3	0.025	1	100	100	7.34	1.98	0.000	0.021	0.021	0.026	4	10/15/2025	11:41
4	CAL4	0.05	1	100	100	7.39	1.96	0.000	0.040	0.040	0.051	2	10/15/2025	11:41
5	CAL5	0.1	1	100	100	7.42	2.06	0.000	0.079	0.079	0.102	2	10/15/2025	11:42
6	CAL6	0.5	1	100	100	7.36	1.92	0.000	0.377	0.377	0.490	-2	10/15/2025	11:42
7	CAL7	1	1	100	100	7.40	1.94	0.000	0.771	0.771	1.004	0.4	10/15/2025	11:43

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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	7.48	2.01	0.000	0.380	0.380	0.495	10/15/2025	11:43
2	ICB		1	100	100	7.33	2.06	0.000	0.001	0.001	0.001	10/15/2025	11:44
3	CCV1	0.5	1	100	100	7.42	2.04	0.000	0.377	0.377	0.491	10/15/2025	11:44
4	CCB1		1	100	100	7.44	1.88	0.000	0.000	0.000	-0.001	10/15/2025	11:45
5	RL Check	0.01	1	100	100	7.52	2.06	0.000	0.008	0.008	0.010	10/15/2025	11:45
6	PB170093BL		1	2.50	100	7.37	1.92	0.000	0.000	0.000	-0.001	10/15/2025	11:46
7	PB170093BS	20	1	2.50	100	7.54	1.98	0.000	0.378	0.378	0.492	10/15/2025	11:46
8	Q3341-01		1	2.53	100	7.40	2.10	0.000	0.000	0.000	-0.001	10/15/2025	11:47
9	Q3341-01DU		1	2.53	100	7.42	2.14	0.000	0.001	0.001	0.001	10/15/2025	11:47
10	Q3341-01MS	40	2	2.54	100	7.52	2.10	0.000	0.309	0.309	0.402	10/15/2025	11:48
11	Q3341-01MS	1284	40	2.53	100	7.50	2.11	0.000	0.595	0.595	0.775	10/15/2025	11:48
12	Q3341-01MS	40	2	2.54	100	7.49	2.17	0.000	0.359	0.359	0.467	10/15/2025	11:49
13	Q3341-02		1	2.51	100	7.60	2.18	0.006	0.007	0.001	0.001	10/15/2025	11:49
14	Q3341-03		1	2.57	100	7.36	2.06	0.004	0.004	0.000	-0.001	10/15/2025	11:50
15	Q3343-01		1	2.52	100	7.52	2.06	0.003	0.004	0.001	0.001	10/15/2025	11:50
16	CCV2	0.5	1	100	100	7.36	1.92	0.000	0.379	0.379	0.493	10/15/2025	11:51
17	CCB2		1	100	100	7.29	2.00	0.000	0.000	0.000	-0.001	10/15/2025	11:51
18	Q3345-01		1	2.56	100	7.52	2.01	0.006	0.009	0.003	0.003	10/15/2025	11:52
19	Q3345-03		1	2.54	100	7.59	1.90	0.004	0.005	0.001	0.001	10/15/2025	11:52
20	Q3345-05		1	2.57	100	7.57	1.88	0.004	0.004	0.000	-0.001	10/15/2025	11:53
21	CCV3	0.5	1	100	100	7.40	2.10	0.000	0.375	0.375	0.488	10/15/2025	11:53
22	CCB3		1	100	100	7.36	2.04	0.000	0.001	0.001	0.001	10/15/2025	11:54