

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB136602

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: 0.0013

Slope: 0.7639

Regression: 0.999986

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	7.21	1.96	0.000	0.000	0.000	-0.00		07/24/2025	12:30
2	CAL2	0.01	1	100	100	7.40	2.06	0.000	0.008	0.008	0.008	-20	07/24/2025	12:31
3	CAL3	0.025	1	100	100	7.45	1.95	0.000	0.021	0.021	0.025	0	07/24/2025	12:32
4	CAL4	0.05	1	100	100	7.36	1.90	0.000	0.040	0.040	0.050	0	07/24/2025	12:33
5	CAL5	0.1	1	100	100	7.38	2.04	0.000	0.080	0.080	0.103	3	07/24/2025	12:34
6	CAL6	0.5	1	100	100	7.36	2.06	0.000	0.381	0.381	0.497	-0.6	07/24/2025	12:35
7	CAL7	1	1	100	100	7.49	1.88	0.000	0.766	0.766	1.001	0.1	07/24/2025	12:36

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Run Number: LB136602

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	7.54	1.96	0.000	0.377	0.377	0.492	07/24/2025	12:37
2	ICB		1	100	100	7.29	1.91	0.000	0.001	0.001	0.000	07/24/2025	12:38
3	CCV1	0.5	1	100	100	7.42	1.97	0.000	0.378	0.378	0.493	07/24/2025	12:39
4	CCB1		1	100	100	7.36	1.66	0.000	0.000	0.000	-0.002	07/24/2025	12:40
5	RL Check	0.01	1	100	100	7.40	1.94	0.000	0.009	0.009	0.010	07/24/2025	12:41
6	PB168985BL		1	2.50	100	7.34	1.75	0.000	0.001	0.001	0.000	07/24/2025	12:42
7	PB168985BS	20	1	2.50	100	7.39	1.88	0.000	0.381	0.381	0.497	07/24/2025	12:43
8	Q2668-01		1	2.57	100	7.36	2.10	0.009	0.010	0.001	0.000	07/24/2025	12:44
9	Q2668-05		1	2.51	100	7.44	2.27	0.000	0.000	0.000	-0.002	07/24/2025	12:45
10	Q2668-09		1	2.55	100	7.60	2.10	0.010	0.010	0.000	-0.002	07/24/2025	12:46
11	Q2674-01		1	2.53	100	7.52	2.17	0.000	0.000	0.000	-0.002	07/24/2025	12:47
12	Q2674-01DU		1	2.52	100	7.50	2.21	0.000	0.000	0.000	-0.002	07/24/2025	12:48
13	Q2674-01MS	40	2	2.51	100	7.57	2.22	0.000	0.341	0.341	0.445	07/24/2025	12:49
14	Q2674-01MS	1284	40	2.52	100	7.60	2.19	0.000	0.620	0.620	0.810	07/24/2025	12:50
15	Q2674-01MS	40	2	2.53	100	7.55	2.20	0.000	0.384	0.384	0.501	07/24/2025	12:51
16	CCV2	0.5	1	100	100	7.36	2.06	0.000	0.382	0.382	0.498	07/24/2025	12:52
17	CCB2		1	100	100	7.39	1.88	0.000	0.001	0.001	0.000	07/24/2025	12:53
18	Q2689-01		1	2.55	100	7.60	2.06	0.002	0.003	0.001	0.000	07/24/2025	12:54
19	CCV3	0.5	1	100	100	7.57	1.90	0.000	0.378	0.378	0.493	07/24/2025	12:55
20	CCB3		1	100	100	7.49	1.94	0.000	0.000	0.000	-0.002	07/24/2025	12:56