

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135022

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP112271
5N sulfuric acid	WP110380
HNO3 Hex-Chrome, 5M	WP110381
Hexchrome Cleaning Solution	WP111249

Intercept: 0.0005

Slope: 0.7643

Regression: 0.999994

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	7.30	1.91	0.000	0.000	0.000	-0.00		03/13/2025	15:35
2	CAL2	0.01	1	100	100	7.42	2.00	0.000	0.009	0.009	0.011	10	03/13/2025	15:36
3	CAL3	0.025	1	100	100	7.35	1.88	0.000	0.020	0.020	0.025	0	03/13/2025	15:37
4	CAL4	0.05	1	100	100	7.39	1.94	0.000	0.037	0.037	0.047	-6	03/13/2025	15:38
5	CAL5	0.1	1	100	100	7.45	1.90	0.000	0.078	0.078	0.101	1	03/13/2025	15:39
6	CAL6	0.5	1	100	100	7.40	1.99	0.000	0.382	0.382	0.499	-0.2	03/13/2025	15:40
7	CAL7	1	1	100	100	7.42	1.90	0.000	0.765	0.765	1.000	0	03/13/2025	15:41

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Run Number: LB135022

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	7.43	2.02	0.000	0.379	0.379	0.495	03/13/2025	15:42
2	ICB		1	100	100	7.29	1.97	0.000	0.001	0.001	0.001	03/13/2025	15:43
3	CCV1	0.5	1	100	100	7.50	1.99	0.000	0.380	0.380	0.497	03/13/2025	15:44
4	CCB1		1	100	100	7.38	1.75	0.000	0.001	0.001	0.001	03/13/2025	15:45
5	RL Check	0.01	1	100	100	7.47	1.96	0.000	0.010	0.010	0.012	03/13/2025	15:46
6	PB167115BL		1	2.50	100	7.38	1.84	0.000	0.000	0.000	-0.001	03/13/2025	15:47
7	PB167115BS	20	1	2.50	100	7.50	1.95	0.000	0.377	0.377	0.493	03/13/2025	15:48
8	Q1547-01		1	2.52	100	7.60	2.05	0.002	0.003	0.001	0.001	03/13/2025	15:49
9	Q1547-01DU		1	2.52	100	7.57	2.08	0.002	0.003	0.001	0.001	03/13/2025	15:50
10	Q1547-01MS	40	2	2.54	100	7.59	2.03	0.000	0.331	0.331	0.432	03/13/2025	15:51
11	Q1547-01MS	1284	40	2.53	100	7.52	2.10	0.000	0.598	0.598	0.782	03/13/2025	15:52
12	Q1547-01MS	40	2	2.51	100	7.64	2.13	0.000	0.377	0.377	0.493	03/13/2025	15:53
13	Q1547-06		1	2.57	100	7.60	2.17	0.009	0.010	0.001	0.001	03/13/2025	15:54
14	Q1552-01		1	2.51	100	7.57	2.24	0.028	0.028	0.000	-0.001	03/13/2025	15:55
15	CCV2	0.5	1	100	100	7.40	1.92	0.000	0.385	0.385	0.503	03/13/2025	15:56
16	CCB2		1	100	100	7.31	1.78	0.000	0.000	0.000	-0.001	03/13/2025	15:57