

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134994

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: 0.0007

Slope: 0.7694

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	7.21	1.72	0.000	0.000	0.000	-0.00		03/12/2025	10:30
2	CAL2	0.01	1	100	100	7.36	1.80	0.000	0.008	0.008	0.009	-10	03/12/2025	10:31
3	CAL3	0.025	1	100	100	7.40	1.93	0.000	0.020	0.020	0.025	0	03/12/2025	10:32
4	CAL4	0.05	1	100	100	7.42	1.88	0.000	0.040	0.040	0.051	2	03/12/2025	10:33
5	CAL5	0.1	1	100	100	7.31	1.94	0.000	0.079	0.079	0.101	1	03/12/2025	10:34
6	CAL6	0.5	1	100	100	7.39	2.03	0.000	0.383	0.383	0.496	-0.8	03/12/2025	10:35
7	CAL7	1	1	100	100	7.42	1.94	0.000	0.771	0.771	1.001	0.1	03/12/2025	10:36

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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	7.40	2.00	0.000	0.386	0.386	0.501	03/12/2025	10:37
2	ICB		1	100	100	7.31	1.85	0.000	0.001	0.001	0.000	03/12/2025	10:38
3	CCV1	0.5	1	100	100	7.49	1.94	0.000	0.384	0.384	0.498	03/12/2025	10:39
4	CCB1		1	100	100	7.36	1.77	0.000	0.000	0.000	-0.001	03/12/2025	10:40
5	RL Check	0.01	1	100	100	7.48	1.97	0.000	0.010	0.010	0.012	03/12/2025	10:41
6	PB167075BL		1	2.50	100	7.25	1.92	0.000	0.001	0.001	0.000	03/12/2025	10:42
7	PB167075BS	20	1	2.50	100	7.43	1.97	0.000	0.380	0.380	0.493	03/12/2025	10:43
8	Q1534-01		1	2.52	100	7.49	2.10	0.036	0.037	0.001	0.000	03/12/2025	10:44
9	Q1534-07		1	2.55	100	7.42	2.03	0.036	0.036	0.000	-0.001	03/12/2025	10:45
10	Q1534-13		1	2.56	100	7.59	2.19	0.030	0.031	0.001	0.000	03/12/2025	10:46
11	Q1534-19		1	2.53	100	7.59	2.11	0.018	0.019	0.001	0.000	03/12/2025	10:47
12	Q1534-19DU		1	2.53	100	7.52	2.20	0.018	0.018	0.000	-0.001	03/12/2025	10:48
13	Q1534-19MS	40	2	2.54	100	7.65	2.07	0.008	0.287	0.279	0.362	03/12/2025	10:49
14	Q1534-19MS	1284	40	2.54	100	7.55	2.18	0.000	0.579	0.579	0.752	03/12/2025	10:50
15	Q1534-19MS	40	2	2.53	100	7.59	2.10	0.006	0.328	0.322	0.418	03/12/2025	10:51
16	CCV2	0.5	1	100	100	7.47	1.99	0.000	0.381	0.381	0.494	03/12/2025	10:52
17	CCB2		1	100	100	7.33	1.84	0.000	0.000	0.000	-0.001	03/12/2025	10:53