

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135613

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP112869
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
Hexchrome Cleaning Solution	WP111249

Intercept: 0.0005

Slope: 0.7612

Regression: 0.999933

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	7.26	1.77	0.000	0.000	0.000	-0.00		04/30/2025	15:50
2	CAL2	0.01	1	100	100	7.40	1.84	0.000	0.009	0.009	0.011	10	04/30/2025	15:51
3	CAL3	0.025	1	100	100	7.38	1.88	0.000	0.020	0.020	0.025	0	04/30/2025	15:52
4	CAL4	0.05	1	100	100	7.39	1.90	0.000	0.040	0.040	0.051	2	04/30/2025	15:53
5	CAL5	0.1	1	100	100	7.49	1.89	0.000	0.078	0.078	0.101	1	04/30/2025	15:54
6	CAL6	0.5	1	100	100	7.43	1.86	0.000	0.374	0.374	0.490	-2	04/30/2025	15:55
7	CAL7	1	1	100	100	7.45	1.97	0.000	0.765	0.765	1.004	0.4	04/30/2025	15:56

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Run Number: LB135613

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	7.38	1.86	0.000	0.378	0.378	0.496	04/30/2025	15:57
2	ICB		1	100	100	7.34	1.81	0.000	0.001	0.001	0.001	04/30/2025	15:58
3	CCV1	0.5	1	100	100	7.47	1.96	0.000	0.375	0.375	0.492	04/30/2025	15:59
4	CCB1		1	100	100	7.32	1.78	0.000	0.000	0.000	-0.001	04/30/2025	16:00
5	RL Check	0.01	1	100	100	7.40	1.94	0.000	0.009	0.009	0.011	04/30/2025	16:01
6	PB167791BL		1	2.50	100	7.28	1.83	0.000	0.001	0.001	0.001	04/30/2025	16:02
7	PB167791BS	20	1	2.50	100	7.45	1.99	0.000	0.381	0.381	0.500	04/30/2025	16:03
8	Q1905-01		1	2.52	100	7.58	2.10	0.006	0.006	0.000	-0.001	04/30/2025	16:04
9	Q1905-05		1	2.57	100	7.67	2.20	0.007	0.008	0.001	0.001	04/30/2025	16:05
10	Q1911-01		1	2.54	100	7.52	2.27	0.004	0.004	0.000	-0.001	04/30/2025	16:06
11	Q1912-01		1	2.53	100	7.48	2.10	0.001	0.001	0.000	-0.001	04/30/2025	16:07
12	Q1912-01DU		1	2.53	100	7.52	2.07	0.001	0.001	0.000	-0.001	04/30/2025	16:08
13	Q1912-01MS	40	2	2.54	100	7.54	2.06	0.000	0.332	0.332	0.435	04/30/2025	16:09
14	Q1912-01MS	1284	40	2.54	100	7.53	2.10	0.000	0.600	0.600	0.788	04/30/2025	16:10
15	Q1912-01MS	40	2	2.53	100	7.58	2.18	0.000	0.369	0.369	0.484	04/30/2025	16:11
16	CCV2	0.5	1	100	100	7.42	1.90	0.000	0.379	0.379	0.497	04/30/2025	16:12
17	CCB2		1	100	100	7.36	1.84	0.000	0.001	0.001	0.001	04/30/2025	16:13
18	Q1912-05		1	2.58	100	7.60	2.09	0.001	0.001	0.000	-0.001	04/30/2025	16:14
19	Q1916-01		1	2.55	100	7.52	2.18	0.002	0.002	0.000	-0.001	04/30/2025	16:15
20	Q1917-01		1	2.51	100	7.36	2.24	0.004	0.005	0.001	0.001	04/30/2025	16:16
21	Q1922-01		1	2.55	100	7.52	2.30	0.001	0.001	0.000	-0.001	04/30/2025	16:17
22	Q1922-05		1	2.58	100	7.49	1.90	0.001	0.001	0.000	-0.001	04/30/2025	16:18
23	CCV3	0.5	1	100	100	7.39	1.88	0.000	0.384	0.384	0.504	04/30/2025	16:19
24	CCB3		1	100	100	7.25	1.90	0.000	0.001	0.001	0.001	04/30/2025	16:20