

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137346

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP114869
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
Hexchrome Cleaning Solution	WP114310

Intercept: 0.0007

Slope: 0.7625

Regression: 0.99995

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	7.29	2.06	0.000	0.000	0.000	-0.00		09/29/2025	12:16
2	CAL2	0.01	1	100	100	7.42	1.88	0.000	0.009	0.009	0.010	0	09/29/2025	12:16
3	CAL3	0.025	1	100	100	7.49	2.10	0.000	0.020	0.020	0.025	0	09/29/2025	12:17
4	CAL4	0.05	1	100	100	7.36	1.92	0.000	0.040	0.040	0.051	2	09/29/2025	12:17
5	CAL5	0.1	1	100	100	7.45	2.06	0.000	0.079	0.079	0.102	2	09/29/2025	12:18
6	CAL6	0.5	1	100	100	7.32	2.00	0.000	0.376	0.376	0.492	-1.6	09/29/2025	12:18
7	CAL7	1	1	100	100	7.37	2.02	0.000	0.766	0.766	1.003	0.3	09/29/2025	12:19

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Run Number: LB137346

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	1.92	0.000	0.382	0.382	0.500	09/29/2025	12:19
2	ICB		1	100	100	7.30	1.97	0.000	0.001	0.001	0.000	09/29/2025	12:20
3	CCV1	0.5	1	100	100	7.54	1.94	0.000	0.384	0.384	0.503	09/29/2025	12:20
4	CCB1		1	100	100	7.22	1.97	0.000	0.000	0.000	-0.001	09/29/2025	12:21
5	RL Check	0.01	1	100	100	7.36	2.06	0.000	0.010	0.010	0.012	09/29/2025	12:21
6	PB169883BL		1	2.50	100	7.39	1.92	0.000	0.000	0.000	-0.001	09/29/2025	12:22
7	PB169883BS	20	1	2.50	100	7.45	1.93	0.000	0.377	0.377	0.494	09/29/2025	12:23
8	Q3206-01		1	2.56	100	7.57	2.06	0.000	0.001	0.001	0.000	09/29/2025	12:23
9	Q3206-01DU		1	2.57	100	7.50	2.01	0.000	0.001	0.001	0.000	09/29/2025	12:24
10	Q3206-01MS	40	2	2.57	100	7.48	1.97	0.000	0.334	0.334	0.437	09/29/2025	12:24
11	Q3206-01MS	1284	40	2.54	100	7.52	2.14	0.000	0.612	0.612	0.802	09/29/2025	12:25
12	Q3206-01MS	40	2	2.56	100	7.60	2.03	0.000	0.372	0.372	0.487	09/29/2025	12:25
13	Q3212-01		1	2.51	100	7.40	2.10	0.000	0.001	0.001	0.000	09/29/2025	12:26
14	Q3231-01		1	2.57	100	7.60	2.20	0.001	0.007	0.006	0.007	09/29/2025	12:26
15	Q3231-05		1	2.53	100	7.39	1.92	0.000	0.000	0.000	-0.001	09/29/2025	12:27
16	CCV2	0.5	1	100	100	7.39	1.90	0.000	0.379	0.379	0.496	09/29/2025	12:27
17	CCB2		1	100	100	7.44	1.88	0.000	0.001	0.001	0.000	09/29/2025	12:28
18	Q3231-09		1	2.55	100	7.59	2.19	0.004	0.007	0.003	0.003	09/29/2025	12:28
19	Q3231-13		1	2.57	100	7.47	2.06	0.000	0.000	0.000	-0.001	09/29/2025	12:29
20	CCV3	0.5	1	100	100	7.34	1.84	0.000	0.376	0.376	0.492	09/29/2025	12:29
21	CCB3		1	100	100	7.55	1.90	0.000	0.000	0.000	-0.001	09/29/2025	12:30