

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137033

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP114487
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
Hexchrome Cleaning Solution	WP114310

Intercept: 0.0012

Slope: 0.7636

Regression: 0.999981

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	7.28	1.93	0.000	0.000	0.000	-0.00		09/02/2025	12:45
2	CAL2	0.01	1	100	100	7.40	1.97	0.000	0.009	0.009	0.010	0	09/02/2025	12:46
3	CAL3	0.025	1	100	100	7.42	2.04	0.000	0.021	0.021	0.025	0	09/02/2025	12:47
4	CAL4	0.05	1	100	100	7.52	2.01	0.000	0.039	0.039	0.049	-2	09/02/2025	12:48
5	CAL5	0.1	1	100	100	7.39	1.91	0.000	0.080	0.080	0.103	3	09/02/2025	12:49
6	CAL6	0.5	1	100	100	7.48	1.98	0.000	0.380	0.380	0.496	-0.8	09/02/2025	12:50
7	CAL7	1	1	100	100	7.40	1.95	0.000	0.766	0.766	1.001	0.1	09/02/2025	12:51

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Run Number: LB137033

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	7.36	1.99	0.000	0.377	0.377	0.492	09/02/2025	12:52
2	ICB		1	100	100	7.44	1.73	0.000	0.001	0.001	0.000	09/02/2025	12:53
3	CCV1	0.5	1	100	100	7.52	2.07	0.000	0.379	0.379	0.495	09/02/2025	12:54
4	CCB1		1	100	100	7.32	1.88	0.000	0.000	0.000	-0.002	09/02/2025	12:55
5	RL Check	0.01	1	100	100	7.49	1.85	0.000	0.010	0.010	0.012	09/02/2025	12:56
6	PB169481BL		1	2.50	100	7.39	1.82	0.000	0.000	0.000	-0.002	09/02/2025	12:57
7	PB169481BS	20	1	2.50	100	7.45	1.96	0.000	0.379	0.379	0.495	09/02/2025	12:58
8	Q2991-01		1	2.53	100	7.36	2.16	0.009	0.010	0.001	0.000	09/02/2025	12:59
9	Q2995-01		1	2.57	100	7.40	2.07	0.000	0.001	0.001	0.000	09/02/2025	13:00
10	Q2995-01DU		1	2.57	100	7.36	2.00	0.000	0.001	0.001	0.000	09/02/2025	13:01
11	Q2995-01MS	40	2	2.55	100	7.45	2.01	0.000	0.333	0.333	0.435	09/02/2025	13:02
12	Q2995-01MS	1284	40	2.54	100	7.42	2.10	0.000	0.608	0.608	0.795	09/02/2025	13:03
13	Q2995-01MS	40	2	2.57	100	7.49	2.14	0.000	0.363	0.363	0.474	09/02/2025	13:04
14	Q2996-01		1	2.52	100	7.60	2.19	0.005	0.005	0.000	-0.002	09/02/2025	13:05
15	Q2996-03		1	2.55	100	7.66	1.88	0.008	0.009	0.001	0.000	09/02/2025	13:06
16	CCV2	0.5	1	100	100	7.36	1.90	0.000	0.378	0.378	0.493	09/02/2025	13:07
17	CCB2		1	100	100	7.52	2.06	0.000	0.001	0.001	0.000	09/02/2025	13:08
18	Q2996-05		1	2.57	100	7.55	2.25	0.002	0.003	0.001	0.000	09/02/2025	13:09
19	Q2997-01		1	2.55	100	7.35	2.10	0.004	0.004	0.000	-0.002	09/02/2025	13:10
20	CCV3	0.5	1	100	100	7.55	1.92	0.000	0.376	0.376	0.491	09/02/2025	13:11
21	CCB3		1	100	100	7.30	1.91	0.000	0.000	0.000	-0.002	09/02/2025	13:12