

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137479

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP115123
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
Hexchrome Cleaning Solution	WP114310

Intercept: 0.0008

Slope: 0.763

Regression: 0.999925

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	7.42	1.66	0.000	0.000	0.000	-0.00		10/09/2025	14:10
2	CAL2	0.01	1	100	100	7.49	1.79	0.000	0.008	0.008	0.009	-10	10/09/2025	14:10
3	CAL3	0.025	1	100	100	7.40	1.88	0.000	0.021	0.021	0.026	4	10/09/2025	14:11
4	CAL4	0.05	1	100	100	7.47	1.85	0.000	0.040	0.040	0.051	2	10/09/2025	14:11
5	CAL5	0.1	1	100	100	7.52	1.88	0.000	0.080	0.080	0.103	3	10/09/2025	14:12
6	CAL6	0.5	1	100	100	7.49	1.92	0.000	0.375	0.375	0.490	-2	10/09/2025	14:12
7	CAL7	1	1	100	100	7.54	1.84	0.000	0.767	0.767	1.004	0.4	10/09/2025	14:13

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Run Number: LB137479

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	7.49	1.98	0.000	0.380	0.380	0.497	10/09/2025	14:13
2	ICB		1	100	100	7.40	1.82	0.000	0.001	0.001	0.000	10/09/2025	14:14
3	CCV1	0.5	1	100	100	7.51	1.89	0.000	0.378	0.378	0.494	10/09/2025	14:14
4	CCB1		1	100	100	7.36	1.87	0.000	0.001	0.001	0.000	10/09/2025	14:15
5	RL Check	0.01	1	100	100	7.55	1.99	0.000	0.009	0.009	0.011	10/09/2025	14:15
6	PB170033BL		1	2.50	100	7.52	1.95	0.000	0.000	0.000	-0.001	10/09/2025	14:16
7	PB170033BS	20	1	2.50	100	7.42	2.06	0.000	0.378	0.378	0.494	10/09/2025	14:16
8	Q3302-01		1	2.52	100	7.58	2.10	0.020	0.021	0.001	0.000	10/09/2025	14:17
9	Q3304-01		1	2.57	100	7.52	2.16	0.002	0.003	0.001	0.000	10/09/2025	14:17
10	Q3304-03		1	2.51	100	7.40	2.17	0.000	0.000	0.000	-0.001	10/09/2025	14:18
11	Q3304-03DU		1	2.52	100	7.38	2.13	0.000	0.000	0.000	-0.001	10/09/2025	14:18
12	Q3304-03MS	40	2	2.52	100	7.44	2.10	0.000	0.342	0.342	0.447	10/09/2025	14:19
13	Q3304-03MS	1284	40	2.51	100	7.42	2.10	0.000	0.601	0.601	0.787	10/09/2025	14:19
14	Q3304-03MS	40	2	2.53	100	7.42	2.19	0.000	0.371	0.371	0.485	10/09/2025	14:20
15	Q3315-01		1	2.57	100	7.60	2.27	0.000	0.001	0.001	0.000	10/09/2025	14:20
16	CCV2	0.5	1	100	100	7.40	2.02	0.000	0.375	0.375	0.490	10/09/2025	14:21
17	CCB2		1	100	100	7.36	2.10	0.000	0.001	0.001	0.000	10/09/2025	14:21
18	Q3319-01		1	2.53	100	7.52	2.06	0.000	0.000	0.000	-0.001	10/09/2025	14:22
19	CCV3	0.5	1	100	100	7.57	2.02	0.000	0.380	0.380	0.497	10/09/2025	14:22
20	CCB3		1	100	100	7.50	1.97	0.000	0.000	0.000	-0.001	10/09/2025	14:23