

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137087

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP114600
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
Hexchrome Cleaning Solution	WP114310

Intercept: 0.0006

Slope: 0.7671

Regression: 0.999959

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	7.27	1.88	0.000	0.000	0.000	-0.00		09/05/2025	12:30
2	CAL2	0.01	1	100	100	7.39	1.94	0.000	0.008	0.008	0.009	-10	09/05/2025	12:30
3	CAL3	0.025	1	100	100	7.52	1.89	0.000	0.021	0.021	0.026	4	09/05/2025	12:31
4	CAL4	0.05	1	100	100	7.55	1.98	0.000	0.039	0.039	0.050	0	09/05/2025	12:31
5	CAL5	0.1	1	100	100	7.42	1.92	0.000	0.080	0.080	0.103	3	09/05/2025	12:32
6	CAL6	0.5	1	100	100	7.36	2.06	0.000	0.379	0.379	0.493	-1.4	09/05/2025	12:32
7	CAL7	1	1	100	100	7.39	2.10	0.000	0.770	0.770	1.003	0.3	09/05/2025	12:33

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Run Number: LB137087

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	7.40	2.10	0.000	0.377	0.377	0.491	09/05/2025	12:33
2	ICB		1	100	100	7.36	1.93	0.000	0.001	0.001	0.001	09/05/2025	12:34
3	CCV1	0.5	1	100	100	7.50	1.86	0.000	0.382	0.382	0.497	09/05/2025	12:34
4	CCB1		1	100	100	7.25	1.74	0.000	0.000	0.000	-0.001	09/05/2025	12:35
5	RL Check	0.01	1	100	100	7.51	1.91	0.000	0.009	0.009	0.011	09/05/2025	12:35
6	PB169568BL		1	2.50	100	7.38	1.97	0.000	0.000	0.000	-0.001	09/05/2025	12:36
7	PB169568BS	20	1	2.50	100	7.47	2.04	0.000	0.375	0.375	0.488	09/05/2025	12:36
8	Q3009-01		1	2.53	100	7.55	2.21	0.000	0.000	0.000	-0.001	09/05/2025	12:37
9	Q3009-01DU		1	2.54	100	7.58	2.26	0.000	0.000	0.000	-0.001	09/05/2025	12:37
10	Q3009-01MS	40	2	2.53	100	7.52	2.20	0.000	0.319	0.319	0.415	09/05/2025	12:38
11	Q3009-01MS	1284	40	2.55	100	7.60	2.15	0.000	0.597	0.597	0.777	09/05/2025	12:38
12	Q3009-01MS	40	2	2.53	100	7.52	2.10	0.000	0.359	0.359	0.467	09/05/2025	12:39
13	Q3023-01		1	2.58	100	7.60	2.10	0.011	0.052	0.041	0.053	09/05/2025	12:39
14	Q3023-04		1	2.55	100	7.52	2.06	0.000	0.045	0.045	0.058	09/05/2025	12:40
15	Q3026-01		1	2.52	100	7.36	1.92	0.007	0.008	0.001	0.001	09/05/2025	12:40
16	CCV2	0.5	1	100	100	7.33	2.06	0.000	0.379	0.379	0.493	09/05/2025	12:41
17	CCB2		1	100	100	7.49	1.90	0.000	0.000	0.000	-0.001	09/05/2025	12:41