

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB136397

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP113840
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
Hexchrome Cleaning Solution	WP113087

Intercept: 0.0006

Slope: 0.7642

Regression: 0.999986

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	7.33	1.65	0.000	0.000	0.000	-0.00		07/08/2025	15:40
2	CAL2	0.01	1	100	100	7.42	1.90	0.000	0.009	0.009	0.010	0	07/08/2025	15:41
3	CAL3	0.025	1	100	100	7.39	1.97	0.000	0.020	0.020	0.025	0	07/08/2025	15:42
4	CAL4	0.05	1	100	100	7.46	1.95	0.000	0.038	0.038	0.048	-4	07/08/2025	15:43
5	CAL5	0.1	1	100	100	7.43	2.01	0.000	0.079	0.079	0.102	2	07/08/2025	15:44
6	CAL6	0.5	1	100	100	7.40	1.99	0.000	0.380	0.380	0.496	-0.8	07/08/2025	15:45
7	CAL7	1	1	100	100	7.41	1.88	0.000	0.766	0.766	1.001	0.1	07/08/2025	15:46

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Run Number: LB136397

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	7.46	1.90	0.000	0.377	0.377	0.493	07/08/2025	15:47
2	ICB		1	100	100	7.27	1.94	0.000	0.000	0.000	-0.001	07/08/2025	15:48
3	CCV1	0.5	1	100	100	7.49	2.03	0.000	0.380	0.380	0.496	07/08/2025	15:49
4	CCB1		1	100	100	7.31	1.88	0.000	0.001	0.001	0.001	07/08/2025	15:50
5	RL Check	0.01	1	100	100	7.46	1.92	0.000	0.010	0.010	0.012	07/08/2025	15:51
6	PB168732BL		1	2.50	100	7.36	1.77	0.000	0.000	0.000	-0.001	07/08/2025	15:52
7	PB168732BS	20	1	2.50	100	7.49	2.01	0.000	0.381	0.381	0.498	07/08/2025	15:53
8	Q2487-09		1	2.57	100	7.36	1.90	0.010	0.011	0.001	0.001	07/08/2025	15:54
9	Q2487-10		1	2.51	100	7.52	2.10	0.037	0.038	0.001	0.001	07/08/2025	15:55
10	Q2487-11		1	2.54	100	7.59	2.27	0.016	0.016	0.000	-0.001	07/08/2025	15:56
11	Q2487-12		1	2.52	100	7.52	2.13	0.038	0.038	0.000	-0.001	07/08/2025	15:57
12	Q2487-13		1	2.52	100	7.65	1.95	0.022	0.022	0.000	-0.001	07/08/2025	15:58
13	Q2487-14		1	2.57	100	7.61	2.11	0.034	0.035	0.001	0.001	07/08/2025	15:59
14	Q2487-15		1	2.55	100	7.58	2.06	0.020	0.021	0.001	0.001	07/08/2025	16:00
15	Q2487-16		1	2.57	100	7.41	2.10	0.034	0.034	0.000	-0.001	07/08/2025	16:01
16	CCV2	0.5	1	100	100	7.42	1.85	0.000	0.378	0.378	0.494	07/08/2025	16:02
17	CCB2		1	100	100	7.39	1.71	0.000	0.001	0.001	0.001	07/08/2025	16:03
18	Q2493-01		1	2.51	100	7.60	2.10	0.010	0.010	0.000	-0.001	07/08/2025	16:04
19	Q2517-01		1	2.56	100	7.44	2.01	0.000	0.001	0.001	0.001	07/08/2025	16:05
20	Q2517-01DU		1	2.56	100	7.46	2.10	0.000	0.001	0.001	0.001	07/08/2025	16:06
21	Q2517-01MS	40	2	2.57	100	7.46	2.06	0.000	0.319	0.319	0.417	07/08/2025	16:07
22	Q2517-01MS	1284	40	2.57	100	7.42	2.10	0.000	0.606	0.606	0.792	07/08/2025	16:08
23	Q2517-01MS	40	2	2.56	100	7.53	2.19	0.000	0.365	0.365	0.477	07/08/2025	16:09
24	CCV3	0.5	1	100	100	7.39	1.88	0.000	0.380	0.380	0.496	07/08/2025	16:10
25	CCB3		1	100	100	7.24	1.80	0.000	0.001	0.001	0.001	07/08/2025	16:11