

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB136507

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP113966
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
Hexchrome Cleaning Solution	WP113087

Intercept: 0.0004

Slope: 0.7661

Regression: 0.999955

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	7.56	1.75	0.000	0.000	0.000	-0.00		07/16/2025	15:45
2	CAL2	0.01	1	100	100	7.25	2.10	0.000	0.008	0.008	0.009	-10	07/16/2025	15:46
3	CAL3	0.025	1	100	100	7.64	1.68	0.000	0.020	0.020	0.025	0	07/16/2025	15:47
4	CAL4	0.05	1	100	100	7.41	1.95	0.000	0.039	0.039	0.050	0	07/16/2025	15:48
5	CAL5	0.1	1	100	100	7.34	2.35	0.000	0.080	0.080	0.103	3	07/16/2025	15:49
6	CAL6	0.5	1	100	100	7.16	2.45	0.000	0.378	0.378	0.492	-1.6	07/16/2025	15:50
7	CAL7	1	1	100	100	7.76	2.29	0.000	0.769	0.769	1.003	0.3	07/16/2025	15:51

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Run Number: LB136507

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	7.57	2.43	0.000	0.381	0.381	0.497	07/16/2025	15:52
2	ICB		1	100	100	7.69	1.69	0.000	0.000	0.000	-0.001	07/16/2025	15:53
3	CCV1	0.5	1	100	100	7.43	1.74	0.000	0.377	0.377	0.492	07/16/2025	15:54
4	CCB1		1	100	100	7.84	1.86	0.000	0.001	0.001	0.001	07/16/2025	15:55
5	RL Check	0.01	1	100	100	7.48	1.92	0.000	0.009	0.009	0.011	07/16/2025	15:56
6	PB168870BL		1	2.50	100	7.29	2.08	0.000	0.001	0.001	0.001	07/16/2025	15:57
7	PB168870BS	20	1	2.50	100	7.46	2.17	0.000	0.379	0.379	0.494	07/16/2025	15:58
8	Q2598-01		1	2.53	100	7.51	2.29	0.000	0.001	0.001	0.001	07/16/2025	15:59
9	Q2598-01DU		1	2.54	100	7.72	2.34	0.000	0.001	0.001	0.001	07/16/2025	16:00
10	Q2598-01MS	40	2	2.52	100	7.64	2.47	0.000	0.292	0.292	0.381	07/16/2025	16:01
11	Q2598-01MS	1284	40	2.51	100	7.69	1.58	0.000	0.594	0.594	0.775	07/16/2025	16:02
12	Q2598-01MS	40	2	2.56	100	7.56	1.94	0.000	0.353	0.353	0.460	07/16/2025	16:03
13	Q2600-01		1	2.52	100	7.51	1.51	0.014	0.015	0.001	0.001	07/16/2025	16:04
14	Q2600-05		1	2.55	100	7.48	2.38	0.017	0.017	0.000	-0.001	07/16/2025	16:05
15	Q2600-09		1	2.57	100	7.19	1.67	0.011	0.011	0.000	-0.001	07/16/2025	16:06
16	CCV2	0.5	1	100	100	7.09	1.91	0.000	0.380	0.380	0.495	07/16/2025	16:07
17	CCB2		1	100	100	7.84	2.09	0.000	0.001	0.001	0.001	07/16/2025	16:08
18	Q2611-01		1	2.52	100	7.79	2.18	0.014	0.014	0.000	-0.001	07/16/2025	16:09
19	Q2614-01		1	2.53	100	7.68	2.45	0.038	0.038	0.000	-0.001	07/16/2025	16:10
20	CCV3	0.5	1	100	100	7.53	1.62	0.000	0.381	0.381	0.497	07/16/2025	16:11
21	CCB3		1	100	100	7.27	1.76	0.000	0.000	0.000	-0.001	07/16/2025	16:12