

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB136245

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP113606
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
Hexchrome Cleaning Solution	WP113087

Intercept: 0.0011

Slope: 0.7629

Regression: 0.99997

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	7.29	1.94	0.000	0.000	0.000	-0.00		06/24/2025	12:30
2	CAL2	0.01	1	100	100	7.36	1.86	0.000	0.009	0.009	0.010	0	06/24/2025	12:31
3	CAL3	0.025	1	100	100	7.39	1.90	0.000	0.021	0.021	0.026	4	06/24/2025	12:32
4	CAL4	0.05	1	100	100	7.42	1.88	0.000	0.040	0.040	0.050	0	06/24/2025	12:33
5	CAL5	0.1	1	100	100	7.36	1.99	0.000	0.079	0.079	0.102	2	06/24/2025	12:34
6	CAL6	0.5	1	100	100	7.37	1.90	0.000	0.378	0.378	0.494	-1.2	06/24/2025	12:35
7	CAL7	1	1	100	100	7.40	1.95	0.000	0.766	0.766	1.002	0.2	06/24/2025	12:36

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Run Number: LB136245

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	7.44	1.95	0.000	0.379	0.379	0.495	06/24/2025	12:37
2	ICB		1	100	100	7.34	1.88	0.000	0.000	0.000	-0.001	06/24/2025	12:38
3	CCV1	0.5	1	100	100	7.42	1.92	0.000	0.378	0.378	0.494	06/24/2025	12:39
4	CCB1		1	100	100	7.40	1.77	0.000	0.001	0.001	0.000	06/24/2025	12:40
5	RL Check	0.01	1	100	100	7.46	1.99	0.000	0.010	0.010	0.012	06/24/2025	12:41
6	PB168573BL		1	2.50	100	7.30	1.83	0.000	0.001	0.001	0.000	06/24/2025	12:42
7	PB168573BS	20	1	2.50	100	7.42	1.85	0.000	0.382	0.382	0.499	06/24/2025	12:43
8	Q2384-01		1	2.57	100	7.40	1.90	0.002	0.002	0.000	-0.001	06/24/2025	12:44
9	Q2386-01		1	2.51	100	7.36	2.06	0.035	0.036	0.001	0.000	06/24/2025	12:45
10	Q2388-01		1	2.54	100	7.60	2.16	0.000	0.000	0.000	-0.001	06/24/2025	12:46
11	Q2389-01		1	2.53	100	7.36	2.04	0.000	0.000	0.000	-0.001	06/24/2025	12:47
12	Q2389-01DU		1	2.53	100	7.39	2.05	0.000	0.000	0.000	-0.001	06/24/2025	12:48
13	Q2389-01MS	40	2	2.53	100	7.39	2.02	0.000	0.299	0.299	0.390	06/24/2025	12:49
14	Q2389-01MS	1284	40	2.54	100	7.43	2.04	0.000	0.598	0.598	0.782	06/24/2025	12:50
15	Q2389-01MS	40	2	2.54	100	7.36	2.14	0.000	0.364	0.364	0.476	06/24/2025	12:51
16	CCV2	0.5	1	100	100	7.38	1.90	0.000	0.380	0.380	0.497	06/24/2025	12:52
17	CCB2		1	100	100	7.22	1.72	0.000	0.001	0.001	0.000	06/24/2025	12:53
18	Q2394-01		1	2.51	100	7.67	2.14	0.000	0.001	0.001	0.000	06/24/2025	12:54
19	Q2399-01		1	2.57	100	7.33	2.28	0.003	0.010	0.007	0.008	06/24/2025	12:55
20	Q2399-05		1	2.52	100	7.59	2.06	0.001	0.002	0.001	0.000	06/24/2025	12:56
21	Q2400-01		1	2.54	100	7.52	2.11	0.020	0.021	0.001	0.000	06/24/2025	12:57
22	Q2400-02		1	2.54	100	7.40	2.19	0.004	0.005	0.001	0.000	06/24/2025	12:58
23	CCV3	0.5	1	100	100	7.49	1.89	0.000	0.379	0.379	0.495	06/24/2025	12:59
24	CCB3		1	100	100	7.39	1.91	0.000	0.001	0.001	0.000	06/24/2025	13:00