

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134587

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP111767
5N sulfuric acid	WP110380
HNO3 Hex-Chrome, 5M	WP110381
Hexchrome Cleaning Solution	WP111249

Intercept: 0.0011

Slope: 0.7663

Regression: 0.999991

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at 540nm		Absorbance Difference	Result (mg/L)	%D	Anal Date	Anal Time
								Backgrnd	Color					
1	CAL1	0	1	100	100	7.32	1.75	0.000	0.000	0.000	-0.00		02/05/2025	16:15
2	CAL2	0.01	1	100	100	7.41	1.88	0.000	0.010	0.010	0.011	10	02/05/2025	16:16
3	CAL3	0.025	1	100	100	7.36	1.91	0.000	0.021	0.021	0.025	0	02/05/2025	16:17
4	CAL4	0.05	1	100	100	7.42	1.85	0.000	0.038	0.038	0.048	-4	02/05/2025	16:18
5	CAL5	0.1	1	100	100	7.38	1.88	0.000	0.079	0.079	0.101	1	02/05/2025	16:19
6	CAL6	0.5	1	100	100	7.36	1.89	0.000	0.383	0.383	0.498	-0.4	02/05/2025	16:20
7	CAL7	1	1	100	100	7.40	1.90	0.000	0.768	0.768	1.000	0	02/05/2025	16:21

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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	7.45	1.96	0.000	0.385	0.385	0.501	02/05/2025	16:22
2	ICB		1	100	100	7.29	1.81	0.000	0.001	0.001	0.000	02/05/2025	16:23
3	CCV1	0.5	1	100	100	7.47	1.98	0.000	0.383	0.383	0.498	02/05/2025	16:24
4	CCB1		1	100	100	7.30	1.78	0.000	0.001	0.001	0.000	02/05/2025	16:25
5	RL Check	0.01	1	100	100	7.43	1.93	0.000	0.009	0.009	0.010	02/05/2025	16:26
6	PB166522BL		1	2.50	100	7.31	1.80	0.000	0.001	0.001	0.000	02/05/2025	16:27
7	PB166522BS	20	1	2.50	100	7.45	1.96	0.000	0.386	0.386	0.502	02/05/2025	16:28
8	Q1276-01		1	2.55	100	7.55	2.07	0.001	0.001	0.000	-0.001	02/05/2025	16:29
9	Q1276-01DU		1	2.55	100	7.54	2.10	0.001	0.001	0.000	-0.001	02/05/2025	16:30
10	Q1276-01MS	40	2	2.57	100	7.57	2.10	0.000	0.302	0.302	0.393	02/05/2025	16:31
11	Q1276-01MS	1284	40	2.55	100	7.55	2.08	0.000	0.597	0.597	0.778	02/05/2025	16:32
12	Q1276-01MS	40	2	2.56	100	7.60	2.13	0.000	0.363	0.363	0.472	02/05/2025	16:33
13	Q1280-01		1	2.52	100	7.67	2.10	0.036	0.036	0.000	-0.001	02/05/2025	16:34
14	Q1285-01		1	2.54	100	7.58	2.20	0.004	0.005	0.001	0.000	02/05/2025	16:35
15	Q1286-01		1	2.56	100	7.54	2.17	0.003	0.003	0.000	-0.001	02/05/2025	16:36
16	CCV2	0.5	1	100	100	7.48	1.97	0.000	0.384	0.384	0.500	02/05/2025	16:37
17	CCB2		1	100	100	7.27	1.77	0.000	0.001	0.001	0.000	02/05/2025	16:38
18	Q1299-01		1	2.51	100	7.60	2.19	0.002	0.003	0.001	0.000	02/05/2025	16:39
19	Q1299-05		1	2.54	100	7.65	2.10	0.002	0.002	0.000	-0.001	02/05/2025	16:40
20	CCV3	0.5	1	100	100	7.44	1.94	0.000	0.386	0.386	0.502	02/05/2025	16:41
21	CCB3		1	100	100	7.31	1.79	0.000	0.001	0.001	0.000	02/05/2025	16:42