

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134773

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP111960
5N sulfuric acid	WP110380
HNO3 Hex-Chrome, 5M	WP110381
Hexchrome Cleaning Solution	WP111249

Intercept: 0.0013

Slope: 0.7654

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	7.33	1.78	0.000	0.000	0.000	-0.00		02/21/2025	12:50
2	CAL2	0.01	1	100	100	7.42	1.88	0.000	0.008	0.008	0.008	-20	02/21/2025	12:51
3	CAL3	0.025	1	100	100	7.40	1.93	0.000	0.021	0.021	0.025	0	02/21/2025	12:52
4	CAL4	0.05	1	100	100	7.44	1.90	0.000	0.040	0.040	0.050	0	02/21/2025	12:53
5	CAL5	0.1	1	100	100	7.40	1.88	0.000	0.080	0.080	0.102	2	02/21/2025	12:54
6	CAL6	0.5	1	100	100	7.43	1.90	0.000	0.383	0.383	0.498	-0.4	02/21/2025	12:55
7	CAL7	1	1	100	100	7.41	1.91	0.000	0.767	0.767	1.000	0	02/21/2025	12:56

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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	7.48	1.96	0.000	0.385	0.385	0.501	02/21/2025	12:57
2	ICB		1	100	100	7.31	1.84	0.000	0.000	0.000	-0.002	02/21/2025	12:58
3	CCV1	0.5	1	100	100	7.46	1.97	0.000	0.383	0.383	0.499	02/21/2025	12:59
4	CCB1		1	100	100	7.29	1.79	0.000	0.001	0.001	0.000	02/21/2025	13:00
5	RL Check	0.01	1	100	100	7.44	1.90	0.000	0.009	0.009	0.010	02/21/2025	13:01
6	PB166811BL		1	2.50	100	7.30	1.81	0.000	0.001	0.001	0.000	02/21/2025	13:02
7	PB166811BS	20	1	2.50	100	7.46	1.94	0.000	0.384	0.384	0.500	02/21/2025	13:03
8	Q1341-04		1	2.57	100	7.52	2.10	0.006	0.020	0.014	0.017	02/21/2025	13:04
9	Q1393-01		1	2.55	100	7.49	2.20	0.006	0.007	0.001	0.000	02/21/2025	13:05
10	Q1395-01		1	2.51	100	7.60	2.10	0.002	0.002	0.000	-0.002	02/21/2025	13:06
11	Q1397-01		1	2.56	100	7.59	2.06	0.010	0.100	0.090	0.116	02/21/2025	13:07
12	Q1397-03		1	2.53	100	7.55	2.17	0.004	0.005	0.001	0.000	02/21/2025	13:08
13	Q1397-05		1	2.57	100	7.60	2.20	0.005	0.005	0.000	-0.002	02/21/2025	13:09
14	Q1400-01		1	2.51	100	7.52	2.13	0.004	0.005	0.001	0.000	02/21/2025	13:10
15	Q1400-01DU		1	2.51	100	7.54	2.10	0.004	0.006	0.002	0.001	02/21/2025	13:11
16	CCV2	0.5	1	100	100	7.49	1.95	0.000	0.386	0.386	0.503	02/21/2025	13:12
17	CCB2		1	100	100	7.32	1.82	0.000	0.001	0.001	0.000	02/21/2025	13:13
18	Q1400-01MS	40	2	2.52	100	7.54	2.14	0.000	0.301	0.301	0.392	02/21/2025	13:14
19	Q1400-01MS	1284	40	2.51	100	7.52	2.14	0.000	0.606	0.606	0.790	02/21/2025	13:15
20	Q1400-01MS	40	2	2.52	100	7.56	2.17	0.000	0.363	0.363	0.473	02/21/2025	13:16
21	CCV3	0.5	1	100	100	7.47	1.97	0.000	0.384	0.384	0.500	02/21/2025	13:17
22	CCB3		1	100	100	7.30	1.79	0.000	0.001	0.001	0.000	02/21/2025	13:18