

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134452

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP111659
5N sulfuric acid	WP110380
HNO3 Hex-Chrome, 5M	WP110381
HEX LOD STD, 0.005PPM	WP111657
Hexchrome Cleaning Solution	WP111249
Hex LOQ Std, 0.01PPM	WP111658

Intercept: 0.0009

Slope: 0.7666

Regression: 0.999997

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	7.28	1.79	0.000	0.000	0.000	-0.00		01/28/2025	09:30
2	CAL2	0.01	1	100	100	7.40	1.90	0.000	0.009	0.009	0.010	0	01/28/2025	09:31
3	CAL3	0.025	1	100	100	7.36	1.84	0.000	0.020	0.020	0.024	-4	01/28/2025	09:32
4	CAL4	0.05	1	100	100	7.36	1.86	0.000	0.040	0.040	0.051	2	01/28/2025	09:33
5	CAL5	0.1	1	100	100	7.38	1.87	0.000	0.078	0.078	0.100	0	01/28/2025	09:34
6	CAL6	0.5	1	100	100	7.39	1.89	0.000	0.383	0.383	0.498	-0.4	01/28/2025	09:35
7	CAL7	1	1	100	100	7.38	1.86	0.000	0.768	0.768	1.000	0	01/28/2025	09:36

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Run Number: LB134452

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	7.43	1.94	0.000	0.386	0.386	0.502	01/28/2025	09:37
2	ICB		1	100	100	7.25	1.76	0.000	0.001	0.001	0.000	01/28/2025	09:38
3	CCV1	0.5	1	100	100	7.46	1.95	0.000	0.383	0.383	0.498	01/28/2025	09:39
4	CCB1		1	100	100	7.27	1.78	0.000	0.001	0.001	0.000	01/28/2025	09:40
5	RL Check	0.01	1	100	100	7.41	1.92	0.000	0.010	0.010	0.012	01/28/2025	09:41
6	PB166262BL		1	2.50	100	7.27	1.74	0.000	0.000	0.000	-0.001	01/28/2025	09:42
7	PB166262BS	20	1	2.50	100	7.44	1.94	0.000	0.385	0.385	0.501	01/28/2025	09:43
8	Q1168-01		1	2.50	100	7.52	2.00	0.000	0.006	0.006	0.007	01/28/2025	09:44
9	Q1168-02		1	2.50	100	7.50	2.00	0.000	0.010	0.010	0.012	01/28/2025	09:45
10	Q1169-01		1	2.57	100	7.60	2.10	0.007	0.008	0.001	0.000	01/28/2025	09:46
11	Q1169-03		1	2.54	100	7.63	2.18	0.009	0.010	0.001	0.000	01/28/2025	09:47
12	Q1169-05		1	2.52	100	7.52	2.20	0.005	0.005	0.000	-0.001	01/28/2025	09:48
13	Q1194-01		1	2.52	100	7.58	2.18	0.008	0.009	0.001	0.000	01/28/2025	09:49
14	Q1194-02		1	2.57	100	7.60	2.10	0.038	0.038	0.000	-0.001	01/28/2025	09:50
15	Q1194-03		1	2.54	100	7.57	2.06	0.003	0.004	0.001	0.000	01/28/2025	09:51
16	CCV2	0.5	1	100	100	7.43	1.93	0.000	0.385	0.385	0.501	01/28/2025	09:52
17	CCB2		1	100	100	7.29	1.80	0.000	0.000	0.000	-0.001	01/28/2025	09:53
18	Q1194-03DU		1	2.53	100	7.55	2.07	0.003	0.004	0.001	0.000	01/28/2025	09:54
19	Q1194-03MS	40	2	2.54	100	7.56	2.08	0.000	0.342	0.342	0.445	01/28/2025	09:55
20	Q1194-03MS	1284	40	2.54	100	7.54	2.06	0.000	0.609	0.609	0.793	01/28/2025	09:56
21	Q1194-03MS	40	2	2.56	100	7.60	2.10	0.000	0.386	0.386	0.502	01/28/2025	09:57
22	Q1194-04		1	2.56	100	7.66	2.10	0.012	0.012	0.000	-0.001	01/28/2025	09:58
23	CCV3	0.5	1	100	100	7.42	1.95	0.000	0.386	0.386	0.502	01/28/2025	09:59
24	CCB3		1	100	100	7.26	1.77	0.000	0.001	0.001	0.000	01/28/2025	10:00