

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135535

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP112767
5N sulfuric acid	WP110380
HNO3 Hex-Chrome, 5M	WP110381
Hexchrome Cleaning Solution	WP111249

Intercept: 0.0008

Slope: 0.763

Regression: 0.999925

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	7.33	1.94	0.000	0.000	0.000	-0.00		04/23/2025	13:25
2	CAL2	0.01	1	100	100	7.39	1.98	0.000	0.008	0.008	0.009	-10	04/23/2025	13:26
3	CAL3	0.025	1	100	100	7.47	2.11	0.000	0.021	0.021	0.026	4	04/23/2025	13:27
4	CAL4	0.05	1	100	100	7.50	2.06	0.000	0.040	0.040	0.051	2	04/23/2025	13:28
5	CAL5	0.1	1	100	100	7.40	1.97	0.000	0.080	0.080	0.103	3	04/23/2025	13:29
6	CAL6	0.5	1	100	100	7.49	1.91	0.000	0.375	0.375	0.490	-2	04/23/2025	13:30
7	CAL7	1	1	100	100	7.38	1.90	0.000	0.767	0.767	1.004	0.4	04/23/2025	13:31

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Run Number: LB135535

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	7.36	1.90	0.000	0.378	0.378	0.494	04/23/2025	13:32
2	ICB		1	100	100	7.30	1.84	0.000	0.001	0.001	0.000	04/23/2025	13:33
3	CCV1	0.5	1	100	100	7.44	1.99	0.000	0.383	0.383	0.501	04/23/2025	13:34
4	CCB1		1	100	100	7.26	1.77	0.000	0.000	0.000	-0.001	04/23/2025	13:35
5	RL Check	0.01	1	100	100	7.43	1.93	0.000	0.009	0.009	0.011	04/23/2025	13:36
6	PB167705BL		1	2.50	100	7.28	1.92	0.000	0.000	0.000	-0.001	04/23/2025	13:37
7	PB167705BS	20	1	2.50	100	7.46	2.00	0.000	0.386	0.386	0.505	04/23/2025	13:38
8	Q1852-01		1	2.57	100	7.59	2.01	0.001	0.001	0.000	-0.001	04/23/2025	13:39
9	Q1852-01DU		1	2.57	100	7.64	2.05	0.001	0.001	0.000	-0.001	04/23/2025	13:40
10	Q1852-01MS	40	2	2.56	100	7.57	2.06	0.000	0.298	0.298	0.390	04/23/2025	13:41
11	Q1852-01MS	1284	40	2.57	100	7.62	2.10	0.000	0.596	0.596	0.780	04/23/2025	13:42
12	Q1852-01MS	40	2	2.55	100	7.60	2.06	0.000	0.359	0.359	0.469	04/23/2025	13:43
13	Q1852-03		1	2.51	100	7.52	2.06	0.004	0.004	0.000	-0.001	04/23/2025	13:44
14	Q1852-05		1	2.58	100	7.36	1.90	0.002	0.003	0.001	0.000	04/23/2025	13:45
15	Q1852-07		1	2.54	100	7.67	1.94	0.001	0.001	0.000	-0.001	04/23/2025	13:46
16	CCV2	0.5	1	100	100	7.40	2.19	0.000	0.379	0.379	0.496	04/23/2025	13:47
17	CCB2		1	100	100	7.24	2.06	0.000	0.001	0.001	0.000	04/23/2025	13:48
18	Q1853-01		1	2.55	100	7.55	2.10	0.010	0.011	0.001	0.000	04/23/2025	13:49
19	Q1854-01		1	2.53	100	7.45	2.29	0.006	0.007	0.001	0.000	04/23/2025	13:50
20	Q1858-01		1	2.51	100	7.52	2.06	0.004	0.004	0.000	-0.001	04/23/2025	13:51
21	Q1858-02		1	2.55	100	7.60	1.90	0.006	0.006	0.000	-0.001	04/23/2025	13:52
22	Q1858-03		1	2.55	100	7.64	2.29	0.003	0.004	0.001	0.000	04/23/2025	13:53
23	Q1859-01		1	2.53	100	7.63	2.20	0.030	0.031	0.001	0.000	04/23/2025	13:54
24	Q1859-02		1	2.54	100	7.60	2.06	0.002	0.002	0.000	-0.001	04/23/2025	13:55
25	Q1859-03		1	2.53	100	7.72	1.94	0.002	0.002	0.000	-0.001	04/23/2025	13:56
26	CCV3	0.5	1	100	100	7.52	1.92	0.000	0.384	0.384	0.502	04/23/2025	13:57
27	CCB3		1	100	100	7.37	1.79	0.000	0.001	0.001	0.000	04/23/2025	13:58