

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135522

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: 0.0005

Slope: 0.7636

Regression: 0.999989

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	7.25	1.96	0.000	0.000	0.000	-0.00		04/22/2025	12:40
2	CAL2	0.01	1	100	100	7.36	1.99	0.000	0.007	0.007	0.008	-20	04/22/2025	12:41
3	CAL3	0.025	1	100	100	7.42	2.02	0.000	0.020	0.020	0.025	0	04/22/2025	12:42
4	CAL4	0.05	1	100	100	7.39	1.99	0.000	0.040	0.040	0.051	2	04/22/2025	12:43
5	CAL5	0.1	1	100	100	7.47	1.91	0.000	0.078	0.078	0.101	1	04/22/2025	12:44
6	CAL6	0.5	1	100	100	7.35	1.88	0.000	0.380	0.380	0.496	-0.8	04/22/2025	12:45
7	CAL7	1	1	100	100	7.50	1.90	0.000	0.765	0.765	1.001	0.1	04/22/2025	12:46

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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	7.52	2.06	0.000	0.376	0.376	0.492	04/22/2025	12:47
2	ICB		1	100	100	7.34	1.92	0.000	0.001	0.001	0.001	04/22/2025	12:48
3	CCV1	0.5	1	100	100	7.44	1.96	0.000	0.382	0.382	0.500	04/22/2025	12:49
4	CCB1		1	100	100	7.29	1.79	0.000	0.000	0.000	-0.001	04/22/2025	12:50
5	RL Check	0.01	1	100	100	7.46	1.95	0.000	0.008	0.008	0.010	04/22/2025	12:51
6	PB167696BL		1	2.50	100	7.30	1.88	0.000	0.001	0.001	0.001	04/22/2025	12:52
7	PB167696BS	20	1	2.50	100	7.48	2.01	0.000	0.384	0.384	0.502	04/22/2025	12:53
8	Q1840-01		1	2.55	100	7.52	2.10	0.002	0.002	0.000	-0.001	04/22/2025	12:54
9	Q1840-01DU		1	2.55	100	7.59	2.14	0.002	0.002	0.000	-0.001	04/22/2025	12:55
10	Q1840-01MS	40	2	2.56	100	7.58	2.09	0.000	0.323	0.323	0.422	04/22/2025	12:56
11	Q1840-01MS	1284	40	2.55	100	7.52	2.14	0.000	0.601	0.601	0.786	04/22/2025	12:57
12	Q1840-01MS	40	2	2.57	100	7.62	2.17	0.000	0.371	0.371	0.485	04/22/2025	12:58
13	Q1842-01		1	2.57	100	7.42	2.10	0.032	0.032	0.000	-0.001	04/22/2025	12:59
14	Q1842-07		1	2.52	100	7.36	2.02	0.026	0.027	0.001	0.001	04/22/2025	13:00
15	Q1842-13		1	2.55	100	7.60	1.88	0.017	0.017	0.000	-0.001	04/22/2025	13:01
16	CCV2	0.5	1	100	100	7.40	1.90	0.000	0.380	0.380	0.497	04/22/2025	13:02
17	CCB2		1	100	100	7.22	1.76	0.000	0.001	0.001	0.001	04/22/2025	13:03
18	Q1842-19		1	2.55	100	7.69	2.21	0.017	0.018	0.001	0.001	04/22/2025	13:04
19	Q1842-25		1	2.51	100	7.60	2.30	0.020	0.021	0.001	0.001	04/22/2025	13:05
20	Q1842-31		1	2.54	100	7.55	2.10	0.018	0.018	0.000	-0.001	04/22/2025	13:06
21	Q1842-37		1	2.56	100	7.52	2.04	0.020	0.020	0.000	-0.001	04/22/2025	13:07
22	Q1850-01		1	2.54	100	7.58	1.90	0.000	0.000	0.000	-0.001	04/22/2025	13:08
23	CCV3	0.5	1	100	100	7.49	2.04	0.000	0.379	0.379	0.496	04/22/2025	13:09
24	CCB3		1	100	100	7.36	1.88	0.000	0.000	0.000	-0.001	04/22/2025	13:10