

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135159

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP112371
5N sulfuric acid	WP110380
HNO3 Hex-Chrome, 5M	WP110381
Hexchrome Cleaning Solution	WP111249

Intercept: 0.0009

Slope: 0.7647

Regression: 0.99999

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	7.28	1.91	0.000	0.000	0.000	-0.00		03/24/2025	15:00
2	CAL2	0.01	1	100	100	7.36	2.06	0.000	0.008	0.008	0.009	-10	03/24/2025	15:01
3	CAL3	0.025	1	100	100	7.42	1.88	0.000	0.020	0.020	0.024	-4	03/24/2025	15:02
4	CAL4	0.05	1	100	100	7.48	1.96	0.000	0.039	0.039	0.049	-2	03/24/2025	15:03
5	CAL5	0.1	1	100	100	7.39	1.90	0.000	0.080	0.080	0.103	3	03/24/2025	15:04
6	CAL6	0.5	1	100	100	7.38	1.88	0.000	0.382	0.382	0.498	-0.4	03/24/2025	15:05
7	CAL7	1	1	100	100	7.50	1.88	0.000	0.766	0.766	1.000	0	03/24/2025	15:06

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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	7.34	2.10	0.000	0.377	0.377	0.492	03/24/2025	15:07
2	ICB		1	100	100	7.30	1.88	0.000	0.001	0.001	0.000	03/24/2025	15:08
3	CCV1	0.5	1	100	100	7.42	1.88	0.000	0.375	0.375	0.489	03/24/2025	15:09
4	CCB1		1	100	100	7.36	1.81	0.000	0.000	0.000	-0.001	03/24/2025	15:10
5	RL Check	0.01	1	100	100	7.44	1.96	0.000	0.009	0.009	0.011	03/24/2025	15:11
6	PB167259BL		1	2.50	100	7.27	1.76	0.000	0.001	0.001	0.000	03/24/2025	15:12
7	PB167259BS	20	1	2.50	100	7.47	1.95	0.000	0.381	0.381	0.497	03/24/2025	15:13
8	Q1610-02		1	2.55	100	7.60	1.98	0.011	0.012	0.001	0.000	03/24/2025	15:14
9	Q1614-01		1	2.53	100	7.52	2.15	0.002	0.003	0.001	0.000	03/24/2025	15:15
10	Q1614-01DU		1	2.53	100	7.50	2.20	0.002	0.003	0.001	0.000	03/24/2025	15:16
11	Q1614-01MS	40	2	2.54	100	7.59	2.18	0.000	0.304	0.304	0.396	03/24/2025	15:17
12	Q1614-01MS	1284	40	2.53	100	7.55	2.20	0.000	0.592	0.592	0.773	03/24/2025	15:18
13	Q1614-01MS	40	2	2.54	100	7.60	2.17	0.000	0.359	0.359	0.468	03/24/2025	15:19
14	Q1619-05		1	2.57	100	7.60	2.10	0.009	0.010	0.001	0.000	03/24/2025	15:20
15	Q1619-07		1	2.58	100	7.52	2.20	0.010	0.010	0.000	-0.001	03/24/2025	15:21
16	CCV2	0.5	1	100	100	7.39	1.90	0.000	0.379	0.379	0.494	03/24/2025	15:22
17	CCB2		1	100	100	7.24	1.88	0.000	0.000	0.000	-0.001	03/24/2025	15:23
18	Q1619-09		1	2.52	100	7.64	2.28	0.011	2.984	2.973	3.887	03/24/2025	15:24
19	Q1619-11		1	2.53	100	7.66	2.35	0.007	0.110	0.103	0.134	03/24/2025	15:25
20	Q1619-13		1	2.55	100	7.72	2.10	0.012	3.294	3.282	4.291	03/24/2025	15:26
21	Q1624-01		1	2.55	100	7.57	2.16	0.003	0.003	0.000	-0.001	03/24/2025	15:27
22	Q1626-01		1	2.53	100	7.60	2.11	0.004	0.004	0.000	-0.001	03/24/2025	15:28
23	Q1630-01		1	2.51	100	7.52	2.06	0.006	0.007	0.001	0.000	03/24/2025	15:29
24	Q1619-09		10	2.52	100	7.64	2.28	0.000	0.330	0.330	0.430	03/24/2025	15:30
25	Q1619-13		10	2.55	100	7.72	2.10	0.000	0.369	0.369	0.481	03/24/2025	15:31
26	CCV3	0.5	1	100	100	7.52	1.97	0.000	0.380	0.380	0.496	03/24/2025	15:32
27	CCB3		1	100	100	7.36	2.06	0.000	0.001	0.001	0.000	03/24/2025	15:33