

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135198

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP112511
5N sulfuric acid	WP110380
HNO3 Hex-Chrome, 5M	WP110381
Hexchrome Cleaning Solution	WP111249

Intercept: 0.0005

Slope: 0.7661

Regression: 0.999958

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	7.24	1.84	0.000	0.000	0.000	-0.00		03/26/2025	15:00
2	CAL2	0.01	1	100	100	7.38	1.88	0.000	0.008	0.008	0.009	-10	03/26/2025	15:01
3	CAL3	0.025	1	100	100	7.44	2.10	0.000	0.020	0.020	0.025	0	03/26/2025	15:02
4	CAL4	0.05	1	100	100	7.36	1.96	0.000	0.040	0.040	0.051	2	03/26/2025	15:03
5	CAL5	0.1	1	100	100	7.52	1.92	0.000	0.079	0.079	0.102	2	03/26/2025	15:04
6	CAL6	0.5	1	100	100	7.35	2.01	0.000	0.378	0.378	0.492	-1.6	03/26/2025	15:05
7	CAL7	1	1	100	100	7.37	1.90	0.000	0.769	0.769	1.003	0.3	03/26/2025	15:06

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Run Number: LB135198

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	0.373	0.373	0.486	03/26/2025	15:07
2	ICB		1	100	100	7.33	1.77	0.000	0.000	0.000	-0.001	03/26/2025	15:08
3	CCV1	0.5	1	100	100	7.44	2.06	0.000	0.380	0.380	0.495	03/26/2025	15:09
4	CCB1		1	100	100	7.29	1.96	0.000	0.001	0.001	0.001	03/26/2025	15:10
5	RL Check	0.01	1	100	100	7.45	1.90	0.000	0.009	0.009	0.011	03/26/2025	15:11
6	PB167314BL		1	2.50	100	7.36	1.80	0.000	0.001	0.001	0.001	03/26/2025	15:12
7	PB167314BS	20	1	2.50	100	7.42	1.88	0.000	0.378	0.378	0.493	03/26/2025	15:13
8	Q1635-01		1	2.55	100	7.60	2.10	0.003	0.004	0.001	0.001	03/26/2025	15:14
9	Q1636-01		1	2.53	100	7.52	2.24	0.004	0.005	0.001	0.001	03/26/2025	15:15
10	Q1636-05		1	2.51	100	7.65	2.30	0.004	0.004	0.000	-0.001	03/26/2025	15:16
11	Q1636-09		1	2.53	100	7.60	2.13	0.007	0.007	0.000	-0.001	03/26/2025	15:17
12	Q1636-13		1	2.54	100	7.63	2.14	0.002	0.002	0.000	-0.001	03/26/2025	15:18
13	Q1636-17		1	2.57	100	7.69	2.06	0.004	0.004	0.000	-0.001	03/26/2025	15:19
14	Q1637-01		1	2.54	100	7.74	2.17	0.005	0.005	0.000	-0.001	03/26/2025	15:20
15	Q1637-03		1	2.53	100	7.59	2.24	0.006	0.006	0.000	-0.001	03/26/2025	15:21
16	CCV2	0.5	1	100	100	7.52	1.97	0.000	0.376	0.376	0.490	03/26/2025	15:22
17	CCB2		1	100	100	7.42	2.00	0.000	0.000	0.000	-0.001	03/26/2025	15:23
18	Q1642-01		1	2.55	100	7.60	2.10	0.004	0.004	0.000	-0.001	03/26/2025	15:24
19	Q1642-01DU		1	2.55	100	7.59	2.06	0.004	0.004	0.000	-0.001	03/26/2025	15:25
20	Q1642-01MS	40	2	2.54	100	7.57	2.10	0.000	0.353	0.353	0.460	03/26/2025	15:26
21	Q1642-01MS	1284	40	2.55	100	7.60	2.16	0.000	0.615	0.615	0.802	03/26/2025	15:27
22	Q1642-01MS	40	2	2.55	100	7.67	2.19	0.000	0.379	0.379	0.494	03/26/2025	15:28
23	Q1645-01		1	2.56	100	7.52	2.06	0.002	0.003	0.001	0.001	03/26/2025	15:29
24	Q1645-05		1	2.55	100	7.42	2.10	0.003	0.004	0.001	0.001	03/26/2025	15:30
25	Q1648-01		1	2.51	100	7.57	2.19	0.017	0.017	0.000	-0.001	03/26/2025	15:31
26	Q1648-03		1	2.54	100	7.42	2.25	0.036	0.036	0.000	-0.001	03/26/2025	15:32
27	Q1648-05		1	2.53	100	7.36	2.06	0.020	0.021	0.001	0.001	03/26/2025	15:33
28	CCV3	0.5	1	100	100	7.52	1.92	0.000	0.375	0.375	0.489	03/26/2025	15:34
29	CCB3		1	100	100	7.27	1.79	0.000	0.001	0.001	0.001	03/26/2025	15:35
30	Q1648-07		1	2.55	100	7.63	2.11	0.026	0.026	0.000	-0.001	03/26/2025	15:36
31	Q1648-09		1	2.56	100	7.68	2.06	0.010	0.011	0.001	0.001	03/26/2025	15:37
32	Q1648-11		1	2.57	100	7.70	1.92	0.036	0.037	0.001	0.001	03/26/2025	15:38
33	Q1648-13		1	2.58	100	7.52	1.88	0.035	0.036	0.001	0.001	03/26/2025	15:39
34	CCV4	0.5	1	100	100	7.46	1.88	0.000	0.381	0.381	0.497	03/26/2025	15:40
35	CCB4		1	100	100	7.36	1.74	0.000	0.000	0.000	-0.001	03/26/2025	15:41