

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137839

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP115554
5N sulfuric acid	WP115340
HNO3 Hex-Chrome, 5M	WP115339
HEX LOD STD, 0.005PPM	WP115587
Hexchrome Cleaning Solution	WP114310

Intercept: 0.0009

Slope: 0.7636

Regression: 0.999952

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	7.27	1.99	0.000	0.000	0.000	-0.00		11/10/2025	12:30
2	CAL2	0.01	1	100	100	7.36	2.06	0.000	0.009	0.009	0.010	0	11/10/2025	12:30
3	CAL3	0.025	1	100	100	7.41	2.08	0.000	0.020	0.020	0.025	0	11/10/2025	12:31
4	CAL4	0.05	1	100	100	7.42	2.01	0.000	0.040	0.040	0.051	2	11/10/2025	12:31
5	CAL5	0.1	1	100	100	7.45	1.92	0.000	0.080	0.080	0.103	3	11/10/2025	12:32
6	CAL6	0.5	1	100	100	7.48	1.97	0.000	0.377	0.377	0.492	-1.6	11/10/2025	12:32
7	CAL7	1	1	100	100	7.34	1.94	0.000	0.767	0.767	1.003	0.3	11/10/2025	12:33

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Run Number: LB137839

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	7.51	1.84	0.000	0.374	0.374	0.489	11/10/2025	12:33
2	ICB		1	100	100	7.36	1.89	0.000	0.000	0.000	-0.001	11/10/2025	12:34
3	CCV1	0.5	1	100	100	7.49	1.97	0.000	0.379	0.379	0.495	11/10/2025	12:34
4	CCB1		1	100	100	7.30	1.82	0.000	0.000	0.000	-0.001	11/10/2025	12:35
5	RL Check	0.01	1	100	100	7.44	1.97	0.000	0.010	0.010	0.012	11/10/2025	12:35
6	PB170464BL		1	2.50	100	7.44	1.94	0.000	0.001	0.001	0.000	11/10/2025	12:36
7	PB170464BS	20	1	2.50	100	7.40	2.01	0.000	0.379	0.379	0.495	11/10/2025	12:36
8	Q3530-03		1	2.50	100	7.52	2.03	0.000	0.004	0.004	0.004	11/10/2025	12:37
9	Q3562-01		1	2.53	100	7.55	2.10	0.000	0.001	0.001	0.000	11/10/2025	12:37
10	Q3562-01DU		1	2.54	100	7.60	2.14	0.000	0.001	0.001	0.000	11/10/2025	12:38
11	Q3562-01MS	40	2	2.53	100	7.52	2.11	0.000	0.339	0.339	0.443	11/10/2025	12:38
12	Q3562-01MS	1284	40	2.55	100	7.54	2.17	0.000	0.600	0.600	0.785	11/10/2025	12:39
13	Q3562-01MS	40	2	2.51	100	7.50	1.99	0.000	0.365	0.365	0.477	11/10/2025	12:39
14	Q3564-01		1	2.57	100	7.42	1.90	0.000	0.001	0.001	0.000	11/10/2025	12:40
15	Q3577-01		1	2.57	100	7.36	1.98	0.009	0.010	0.001	0.000	11/10/2025	12:40
16	CCV2	0.5	1	100	100	7.52	2.07	0.000	0.376	0.376	0.491	11/10/2025	12:41
17	CCB2		1	100	100	7.40	1.88	0.000	0.001	0.001	0.000	11/10/2025	12:41
18	Q3580-01		1	2.53	100	7.40	2.10	0.032	0.032	0.000	-0.001	11/10/2025	12:42
19	Q3581-01		1	2.56	100	7.36	2.06	0.010	0.011	0.001	0.000	11/10/2025	12:42
20	Q3581-03		1	2.52	100	7.32	1.90	0.014	0.015	0.001	0.000	11/10/2025	12:43
21	Q3581-05		1	2.56	100	7.54	2.22	0.001	0.006	0.005	0.005	11/10/2025	12:43
22	Q3581-07		1	2.54	100	7.60	2.14	0.010	0.010	0.000	-0.001	11/10/2025	12:44
23	Q3582-04		1	2.53	100	7.63	2.02	0.036	0.036	0.000	-0.001	11/10/2025	12:44
24	Q3583-04		1	2.54	100	7.33	2.01	0.036	0.037	0.001	0.000	11/10/2025	12:45
25	Q3586-01		1	2.57	100	7.42	2.00	0.035	0.036	0.001	0.000	11/10/2025	12:45
26	Q3586-02		1	2.51	100	7.48	1.81	0.034	0.035	0.001	0.000	11/10/2025	12:46
27	Q3586-03		1	2.53	100	7.36	1.92	0.033	0.034	0.001	0.000	11/10/2025	12:46
28	CCV3	0.5	1	100	100	7.34	1.94	0.000	0.374	0.374	0.489	11/10/2025	12:47
29	CCB3		1	100	100	7.27	1.90	0.000	0.001	0.001	0.000	11/10/2025	12:47
30	Q3587-01		1	2.53	100	7.58	2.10	0.000	0.000	0.000	-0.001	11/10/2025	12:48
31	Q3588-01		1	2.54	100	7.53	2.19	0.004	0.005	0.001	0.000	11/10/2025	12:48
32	Q3588-03		1	2.54	100	7.39	2.15	0.034	0.035	0.001	0.000	11/10/2025	12:49
33	CCV4	0.5	1	100	100	7.39	1.88	0.000	0.377	0.377	0.493	11/10/2025	12:49
34	CCB4		1	100	100	7.32	1.90	0.000	0.000	0.000	-0.001	11/10/2025	12:50