

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137276

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP114869
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
Hexchrome Cleaning Solution	WP114310

Intercept: 0.0003

Slope: 0.7641

Regression: 0.999927

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	1.70	0.000	0.000	0.000	-0.00		09/23/2025	13:00
2	CAL2	0.01	1	100	100	7.33	1.81	0.000	0.009	0.009	0.011	10	09/23/2025	13:00
3	CAL3	0.025	1	100	100	7.36	1.88	0.000	0.021	0.021	0.027	8	09/23/2025	13:01
4	CAL4	0.05	1	100	100	7.45	1.94	0.000	0.039	0.039	0.050	0	09/23/2025	13:01
5	CAL5	0.1	1	100	100	7.40	1.92	0.000	0.078	0.078	0.101	1	09/23/2025	13:02
6	CAL6	0.5	1	100	100	7.36	1.84	0.000	0.375	0.375	0.490	-2	09/23/2025	13:02
7	CAL7	1	1	100	100	7.42	1.97	0.000	0.768	0.768	1.004	0.4	09/23/2025	13:03

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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	7.47	2.06	0.000	0.379	0.379	0.496	09/23/2025	13:03
2	ICB		1	100	100	7.37	1.88	0.000	0.001	0.001	0.001	09/23/2025	13:04
3	CCV1	0.5	1	100	100	7.44	1.91	0.000	0.377	0.377	0.493	09/23/2025	13:04
4	CCB1		1	100	100	7.31	1.98	0.000	0.000	0.000	0.000	09/23/2025	13:05
5	RL Check	0.01	1	100	100	7.42	2.04	0.000	0.009	0.009	0.011	09/23/2025	13:05
6	PB169786BL		1	2.50	100	7.41	2.04	0.000	0.001	0.001	0.001	09/23/2025	13:06
7	PB169786BS	20	1	2.50	100	7.48	1.96	0.000	0.379	0.379	0.496	09/23/2025	13:06
8	Q3118-01		1	2.52	100	7.42	1.92	0.000	0.001	0.001	0.001	09/23/2025	13:07
9	Q3133-01		1	2.54	100	7.36	2.10	0.002	0.003	0.001	0.001	09/23/2025	13:07
10	Q3133-03		1	2.55	100	7.52	1.90	0.007	0.007	0.000	0.000	09/23/2025	13:08
11	Q3133-05		1	2.58	100	7.64	2.06	0.004	0.005	0.001	0.001	09/23/2025	13:08
12	Q3133-07		1	2.53	100	7.39	2.10	0.000	0.001	0.001	0.001	09/23/2025	13:09
13	Q3133-07DU		1	2.52	100	7.52	2.16	0.000	0.001	0.001	0.001	09/23/2025	13:09
14	Q3133-07MS	40	2	2.53	100	7.36	2.10	0.000	0.320	0.320	0.418	09/23/2025	13:10
15	Q3133-07MS	1284	40	2.55	100	7.52	2.06	0.000	0.606	0.606	0.793	09/23/2025	13:10
16	CCV2	0.5	1	100	100	7.39	2.10	0.000	0.376	0.376	0.492	09/23/2025	13:11
17	CCB2		1	100	100	7.26	2.01	0.000	0.001	0.001	0.001	09/23/2025	13:11
18	Q3133-07MS	40	2	2.53	100	7.39	2.19	0.000	0.369	0.369	0.483	09/23/2025	13:12
19	Q3152-01		1	2.57	100	7.59	1.90	0.004	0.004	0.000	0.000	09/23/2025	13:12
20	Q3153-01		1	2.52	100	7.52	2.19	0.007	0.008	0.001	0.001	09/23/2025	13:13
21	Q3153-05		1	2.57	100	7.51	2.09	0.006	0.006	0.000	0.000	09/23/2025	13:13
22	Q3155-01		1	2.55	100	7.42	1.90	0.020	0.020	0.000	0.000	09/23/2025	13:14
23	Q3155-02		1	2.53	100	7.31	2.07	0.020	0.020	0.000	0.000	09/23/2025	13:14
24	Q3155-03		1	2.52	100	7.36	1.90	0.015	0.016	0.001	0.001	09/23/2025	13:15
25	Q3159-01		1	2.55	100	7.29	1.84	0.000	0.001	0.001	0.001	09/23/2025	13:15
26	Q3159-03		1	2.51	100	7.60	2.15	0.002	0.002	0.000	0.000	09/23/2025	13:16
27	CCV3	0.5	1	100	100	7.40	1.88	0.000	0.377	0.377	0.493	09/23/2025	13:16
28	CCB3		1	100	100	7.46	1.94	0.000	0.000	0.000	0.000	09/23/2025	13:17