

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137992

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP115688
5N sulfuric acid	WP115340
HNO3 Hex-Chrome, 5M	WP115339
Hexchrome Cleaning Solution	WP114310

Intercept: 0.0009

Slope: 0.7624

Regression: 0.999944

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	7.29	1.94	0.000	0.000	0.000	-0.00		11/20/2025	16:00
2	CAL2	0.01	1	100	100	7.33	1.92	0.000	0.008	0.008	0.009	-10	11/20/2025	16:00
3	CAL3	0.025	1	100	100	7.44	1.88	0.000	0.021	0.021	0.026	4	11/20/2025	16:01
4	CAL4	0.05	1	100	100	7.47	1.92	0.000	0.040	0.040	0.051	2	11/20/2025	16:01
5	CAL5	0.1	1	100	100	7.40	1.97	0.000	0.080	0.080	0.103	3	11/20/2025	16:02
6	CAL6	0.5	1	100	100	7.52	2.06	0.000	0.376	0.376	0.491	-1.8	11/20/2025	16:02
7	CAL7	1	1	100	100	7.52	1.97	0.000	0.766	0.766	1.003	0.3	11/20/2025	16:03

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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	7.55	1.79	0.000	0.374	0.374	0.489	11/20/2025	16:03
2	ICB		1	100	100	7.40	1.83	0.000	0.001	0.001	0.000	11/20/2025	16:04
3	CCV1	0.5	1	100	100	7.43	1.88	0.000	0.377	0.377	0.493	11/20/2025	16:04
4	CCB1		1	100	100	7.39	1.84	0.000	0.000	0.000	-0.001	11/20/2025	16:05
5	RL Check	0.01	1	100	100	7.50	1.89	0.000	0.009	0.009	0.011	11/20/2025	16:05
6	PB170639BL		1	2.50	100	7.23	1.80	0.000	0.000	0.000	-0.001	11/20/2025	16:06
7	PB170639BS	20	1	2.50	100	7.40	1.92	0.000	0.381	0.381	0.499	11/20/2025	16:06
8	Q3678-01		1	2.57	100	7.40	2.06	0.000	0.001	0.001	0.000	11/20/2025	16:07
9	Q3678-01DU		1	2.56	100	7.36	2.10	0.000	0.001	0.001	0.000	11/20/2025	16:07
10	Q3678-01MS	40	2	2.55	100	7.37	2.10	0.000	0.301	0.301	0.394	11/20/2025	16:08
11	Q3678-01MS	1284	40	2.55	100	7.42	2.12	0.000	0.595	0.595	0.779	11/20/2025	16:08
12	Q3678-01MS	40	2	2.57	100	7.47	2.07	0.000	0.340	0.340	0.445	11/20/2025	16:09
13	Q3681-01		1	2.51	100	7.56	2.01	0.006	0.007	0.001	0.000	11/20/2025	16:09
14	Q3686-01		1	2.55	100	7.30	2.22	0.001	0.002	0.001	0.000	11/20/2025	16:10
15	CCV2	0.5	1	100	100	7.34	2.02	0.000	0.379	0.379	0.496	11/20/2025	16:10
16	CCB2		1	100	100	7.39	1.98	0.000	0.000	0.000	-0.001	11/20/2025	16:11