

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB136737

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP114145
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
Hexchrome Cleaning Solution	WP113087

Intercept: 0.0005

Slope: 0.766

Regression: 0.999957

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	7.32	1.88	0.000	0.000	0.000	-0.00		08/07/2025	13:00
2	CAL2	0.01	1	100	100	7.52	2.10	0.000	0.009	0.009	0.011	10	08/07/2025	13:01
3	CAL3	0.025	1	100	100	7.42	1.90	0.000	0.021	0.021	0.026	4	08/07/2025	13:02
4	CAL4	0.05	1	100	100	7.39	2.01	0.000	0.038	0.038	0.048	-4	08/07/2025	13:03
5	CAL5	0.1	1	100	100	7.35	2.05	0.000	0.079	0.079	0.102	2	08/07/2025	13:04
6	CAL6	0.5	1	100	100	7.47	2.00	0.000	0.378	0.378	0.492	-1.6	08/07/2025	13:05
7	CAL7	1	1	100	100	7.54	1.92	0.000	0.769	0.769	1.003	0.3	08/07/2025	13:06

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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	7.39	1.96	0.000	0.377	0.377	0.492	08/07/2025	13:07
2	ICB		1	100	100	7.22	1.79	0.000	0.001	0.001	0.001	08/07/2025	13:08
3	CCV1	0.5	1	100	100	7.40	1.84	0.000	0.380	0.380	0.495	08/07/2025	13:09
4	CCB1		1	100	100	7.44	1.82	0.000	0.000	0.000	-0.001	08/07/2025	13:10
5	RL Check	0.01	1	100	100	7.40	1.93	0.000	0.010	0.010	0.012	08/07/2025	13:11
6	PB169145BL		1	2.50	100	7.29	2.00	0.000	0.001	0.001	0.001	08/07/2025	13:12
7	PB169145BS	20	1	2.50	100	7.34	1.94	0.000	0.376	0.376	0.490	08/07/2025	13:13
8	Q2779-01		1	2.56	100	7.67	2.19	0.006	0.006	0.000	-0.001	08/07/2025	13:14
9	Q2779-05		1	2.53	100	7.36	2.31	0.014	0.015	0.001	0.001	08/07/2025	13:15
10	Q2780-01		1	2.52	100	7.33	2.10	0.004	0.005	0.001	0.001	08/07/2025	13:16
11	Q2780-05		1	2.55	100	7.60	2.22	0.031	0.032	0.001	0.001	08/07/2025	13:17
12	Q2783-01		1	2.58	100	7.65	1.92	0.000	0.001	0.001	0.001	08/07/2025	13:18
13	Q2783-01DU		1	2.57	100	7.60	1.88	0.000	0.001	0.001	0.001	08/07/2025	13:19
14	Q2783-01MS	40	2	2.57	100	7.61	1.86	0.000	0.332	0.332	0.433	08/07/2025	13:20
15	Q2783-01MS	1284	40	2.58	100	7.57	1.94	0.000	0.599	0.599	0.781	08/07/2025	13:21
16	CCV2	0.5	1	100	100	7.55	1.90	0.000	0.377	0.377	0.492	08/07/2025	13:22
17	CCB2		1	100	100	7.46	1.88	0.000	0.000	0.000	-0.001	08/07/2025	13:23
18	Q2783-01MS	40	2	2.55	100	7.60	2.00	0.000	0.360	0.360	0.469	08/07/2025	13:24
19	Q2784-01		1	2.51	100	7.64	2.10	0.002	0.002	0.000	-0.001	08/07/2025	13:25
20	Q2788-01		1	2.55	100	7.36	2.16	0.000	0.001	0.001	0.001	08/07/2025	13:26
21	CCV3	0.5	1	100	100	7.32	1.86	0.000	0.379	0.379	0.494	08/07/2025	13:27
22	CCB3		1	100	100	7.52	1.71	0.000	0.000	0.000	-0.001	08/07/2025	13:28