

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137566

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP115235
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
Hexchrome Cleaning Solution	WP114310

Intercept: 0.0008

Slope: 0.7627

Regression: 0.999985

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	7.27	1.94	0.000	0.000	0.000	-0.00		10/16/2025	14:41
2	CAL2	0.01	1	100	100	7.35	1.97	0.000	0.009	0.009	0.010	0	10/16/2025	14:42
3	CAL3	0.025	1	100	100	7.45	2.03	0.000	0.020	0.020	0.025	0	10/16/2025	14:43
4	CAL4	0.05	1	100	100	7.49	1.99	0.000	0.040	0.040	0.051	2	10/16/2025	14:44
5	CAL5	0.1	1	100	100	7.50	2.10	0.000	0.078	0.078	0.101	1	10/16/2025	14:45
6	CAL6	0.5	1	100	100	7.42	2.06	0.000	0.379	0.379	0.495	-1	10/16/2025	14:46
7	CAL7	1	1	100	100	7.52	2.06	0.000	0.765	0.765	1.001	0.1	10/16/2025	14:47

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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	7.54	2.02	0.000	0.381	0.381	0.498	10/16/2025	14:48
2	ICB		1	100	100	7.30	1.92	0.000	0.001	0.001	0.000	10/16/2025	14:49
3	CCV1	0.5	1	100	100	7.53	2.10	0.000	0.375	0.375	0.491	10/16/2025	14:50
4	CCB1		1	100	100	7.25	1.97	0.000	0.000	0.000	-0.001	10/16/2025	14:51
5	RL Check	0.01	1	100	100	7.36	2.07	0.000	0.010	0.010	0.012	10/16/2025	14:52
6	PB170124BL		1	2.50	100	7.36	2.00	0.000	0.000	0.000	-0.001	10/16/2025	14:53
7	PB170124BS	20	1	2.50	100	7.40	1.97	0.000	0.380	0.380	0.497	10/16/2025	14:54
8	Q3348-01		1	2.57	100	7.55	1.88	0.000	0.000	0.000	-0.001	10/16/2025	14:55
9	Q3348-01DU		1	2.57	100	7.52	1.90	0.000	0.000	0.000	-0.001	10/16/2025	14:56
10	Q3348-01MS	40	2	2.55	100	7.57	1.94	0.000	0.319	0.319	0.417	10/16/2025	14:57
11	Q3348-01MS	1284	40	2.56	100	7.52	1.90	0.000	0.602	0.602	0.788	10/16/2025	14:58
12	Q3348-01MS	40	2	2.55	100	7.58	1.87	0.000	0.352	0.352	0.460	10/16/2025	14:59
13	Q3348-05		1	2.51	100	7.52	2.10	0.020	0.020	0.000	-0.001	10/16/2025	15:00
14	Q3352-01		1	2.54	100	7.42	1.92	0.000	0.000	0.000	-0.001	10/16/2025	15:01
15	Q3354-01		1	2.52	100	7.36	2.03	0.009	0.010	0.001	0.000	10/16/2025	15:02
16	CCV2	0.5	1	100	100	7.52	1.90	0.000	0.376	0.376	0.492	10/16/2025	15:03
17	CCB2		1	100	100	7.33	1.96	0.000	0.000	0.000	-0.001	10/16/2025	15:04
18	Q3355-01		1	2.57	100	7.60	2.22	0.000	0.000	0.000	-0.001	10/16/2025	15:05
19	CCV3	0.5	1	100	100	7.47	1.84	0.000	0.379	0.379	0.496	10/16/2025	15:06
20	CCB3		1	100	100	7.54	1.88	0.000	0.000	0.000	-0.001	10/16/2025	15:07