

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137204

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP114755
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
Hexchrome Cleaning Solution	WP114310

Intercept: 0.0003

Slope: 0.7677

Regression: 0.99995

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	2.06	0.000	0.000	0.000	-0.00		09/16/2025	12:20
2	CAL2	0.01	1	100	100	7.39	2.10	0.000	0.009	0.009	0.011	10	09/16/2025	12:21
3	CAL3	0.025	1	100	100	7.36	2.01	0.000	0.020	0.020	0.025	0	09/16/2025	12:22
4	CAL4	0.05	1	100	100	7.45	2.17	0.000	0.040	0.040	0.051	2	09/16/2025	12:23
5	CAL5	0.1	1	100	100	7.40	2.06	0.000	0.078	0.078	0.101	1	09/16/2025	12:24
6	CAL6	0.5	1	100	100	7.38	1.88	0.000	0.378	0.378	0.491	-1.8	09/16/2025	12:25
7	CAL7	1	1	100	100	7.47	1.94	0.000	0.771	0.771	1.003	0.3	09/16/2025	12:26

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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	7.48	2.10	0.000	0.377	0.377	0.491	09/16/2025	12:27
2	ICB		1	100	100	7.33	1.99	0.000	0.001	0.001	0.001	09/16/2025	12:28
3	CCV1	0.5	1	100	100	7.40	1.90	0.000	0.380	0.380	0.495	09/16/2025	12:29
4	CCB1		1	100	100	7.24	1.95	0.000	0.000	0.000	0.000	09/16/2025	12:30
5	RL Check	0.01	1	100	100	7.36	1.98	0.000	0.009	0.009	0.011	09/16/2025	12:31
6	PB169699BL		1	2.50	100	7.52	2.04	0.000	0.000	0.000	0.000	09/16/2025	12:32
7	PB169699BS	20	1	2.50	100	7.57	2.06	0.000	0.379	0.379	0.493	09/16/2025	12:33
8	Q3105-01		1	2.57	100	7.57	2.23	0.000	0.000	0.000	0.000	09/16/2025	12:34
9	Q3105-01DU		1	2.56	100	7.52	2.31	0.000	0.000	0.000	0.000	09/16/2025	12:35
10	Q3105-01MS	40	2	2.55	100	7.60	2.27	0.000	0.333	0.333	0.433	09/16/2025	12:36
11	Q3105-01MS	1284	40	2.57	100	7.49	2.31	0.000	0.608	0.608	0.792	09/16/2025	12:37
12	Q3105-01MS	40	2	2.55	100	7.60	2.17	0.000	0.370	0.370	0.482	09/16/2025	12:38
13	Q3106-01		1	2.52	100	7.40	2.10	0.003	0.004	0.001	0.001	09/16/2025	12:39
14	Q3106-03		1	2.57	100	7.56	2.06	0.000	0.000	0.000	0.000	09/16/2025	12:40
15	CCV2	0.5	1	100	100	7.57	1.92	0.000	0.377	0.377	0.491	09/16/2025	12:41
16	CCB2		1	100	100	7.38	1.82	0.000	0.000	0.000	0.000	09/16/2025	12:42