

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137382

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP114995
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
Hexchrome Cleaning Solution	WP114310

Intercept: 0.0003

Slope: 0.7643

Regression: 0.99992

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml)	Final Vol (ml)	pH HNO3	pH H2SO4	Absorb.at 540nm		Absorbance Difference	Result (mg/L)	%D	Anal Date	Anal Time
								Backgrnd	Color					
1	CAL1	0	1	100	100	7.52	1.71	0.000	0.000	0.000	-0.00		10/01/2025	13:25
2	CAL2	0.01	1	100	100	7.47	1.94	0.000	0.008	0.008	0.010	0	10/01/2025	13:25
3	CAL3	0.025	1	100	100	7.53	1.86	0.000	0.021	0.021	0.027	8	10/01/2025	13:26
4	CAL4	0.05	1	100	100	7.50	1.99	0.000	0.038	0.038	0.049	-2	10/01/2025	13:26
5	CAL5	0.1	1	100	100	7.42	1.96	0.000	0.080	0.080	0.104	4	10/01/2025	13:27
6	CAL6	0.5	1	100	100	7.59	2.00	0.000	0.375	0.375	0.490	-2	10/01/2025	13:27
7	CAL7	1	1	100	100	7.42	2.06	0.000	0.768	0.768	1.004	0.4	10/01/2025	13:28

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Run Number: LB137382

pH Meter ID: WC pH Meter-1

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	1.90	0.000	0.379	0.379	0.495	10/01/2025	13:28
2	ICB		1	100	100	7.30	1.94	0.000	0.000	0.000	0.000	10/01/2025	13:29
3	CCV1	0.5	1	100	100	7.50	1.88	0.000	0.375	0.375	0.490	10/01/2025	13:29
4	CCB1		1	100	100	7.34	1.79	0.000	0.001	0.001	0.001	10/01/2025	13:30
5	RL Check	0.01	1	100	100	7.54	1.84	0.000	0.009	0.009	0.011	10/01/2025	13:30
6	PB169928BL		1	2.50	100	7.22	1.80	0.000	0.000	0.000	0.000	10/01/2025	13:31
7	PB169928BS	20	1	2.50	100	7.58	2.10	0.000	0.378	0.378	0.494	10/01/2025	13:31
8	Q3240-01		1	2.52	100	7.60	2.04	0.030	0.030	0.000	0.000	10/01/2025	13:32
9	Q3256-01		1	2.54	100	7.55	1.90	0.000	0.003	0.003	0.004	10/01/2025	13:32
10	Q3256-05		1	2.55	100	7.44	2.07	0.000	0.003	0.003	0.004	10/01/2025	13:33
11	Q3256-05DU		1	2.53	100	7.47	2.10	0.000	0.003	0.003	0.004	10/01/2025	13:33
12	Q3256-05MS	40	2	2.52	100	7.40	2.06	0.000	0.323	0.323	0.422	10/01/2025	13:34
13	Q3256-05MS	1284	40	2.54	100	7.47	2.03	0.000	0.597	0.597	0.781	10/01/2025	13:34
14	Q3256-05MS	40	2	2.55	100	7.52	2.10	0.000	0.366	0.366	0.478	10/01/2025	13:35
15	CCV2	0.5	1	100	100	7.36	1.91	0.000	0.376	0.376	0.492	10/01/2025	13:35
16	CCB2		1	100	100	7.39	2.01	0.000	0.001	0.001	0.001	10/01/2025	13:36