

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134183

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP111293
5N sulfuric acid	WP110380
HNO3 Hex-Chrome, 5M	WP110381
Hexchrome Cleaning Solution	WP111249

Intercept: 0.0011

Slope: 0.7677

Regression: 0.999992

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	7.31	1.77	0.000	0.000	0.000	-0.00		01/07/2025	15:45
2	CAL2	0.01	1	100	100	7.39	1.84	0.000	0.008	0.008	0.008	-20	01/07/2025	15:46
3	CAL3	0.025	1	100	100	7.36	1.87	0.000	0.021	0.021	0.025	0	01/07/2025	15:47
4	CAL4	0.05	1	100	100	7.39	1.87	0.000	0.039	0.039	0.049	-2	01/07/2025	15:48
5	CAL5	0.1	1	100	100	7.40	1.90	0.000	0.080	0.080	0.102	2	01/07/2025	15:49
6	CAL6	0.5	1	100	100	7.37	1.86	0.000	0.384	0.384	0.498	-0.4	01/07/2025	15:50
7	CAL7	1	1	100	100	7.40	1.89	0.000	0.769	0.769	1.000	0	01/07/2025	15:51

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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	7.43	1.94	0.000	0.384	0.384	0.499	01/07/2025	15:52
2	ICB		1	100	100	7.28	1.80	0.000	0.001	0.001	0.000	01/07/2025	15:53
3	CCV1	0.5	1	100	100	7.45	1.95	0.000	0.386	0.386	0.501	01/07/2025	15:54
4	CCB1		1	100	100	7.30	1.77	0.000	0.000	0.000	-0.001	01/07/2025	15:55
5	RL Check	0.01	1	100	100	7.42	1.90	0.000	0.009	0.009	0.010	01/07/2025	15:56
6	PB165956BL		1	2.50	100	7.27	1.79	0.000	0.001	0.001	0.000	01/07/2025	15:57
7	PB165956BS	20	1	2.50	100	7.46	1.94	0.000	0.386	0.386	0.501	01/07/2025	15:58
8	Q1010-01		1	2.52	100	7.60	2.13	0.006	0.007	0.001	0.000	01/07/2025	15:59
9	Q1010-01DU		1	2.53	100	7.56	2.15	0.006	0.007	0.001	0.000	01/07/2025	16:00
10	Q1010-01MS	40	2	2.52	100	7.56	2.10	0.002	0.297	0.295	0.383	01/07/2025	16:01
11	Q1010-01MS	1284	40	2.53	100	7.60	2.14	0.000	0.589	0.589	0.766	01/07/2025	16:02
12	Q1010-01MS	40	2	2.53	100	7.60	2.16	0.001	0.364	0.363	0.471	01/07/2025	16:03
13	Q1027-01		1	2.54	100	7.52	2.10	0.004	0.004	0.000	-0.001	01/07/2025	16:04
14	CCV2	0.5	1	100	100	7.44	1.93	0.000	0.383	0.383	0.497	01/07/2025	16:05
15	CCB2		1	100	100	7.29	1.75	0.000	0.000	0.000	-0.001	01/07/2025	16:06