

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Niha

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134348

pH Meter ID: ph Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP111464
5N sulfuric acid	WP110380
HNO3 Hex-Chrome, 5M	WP110381
Hexchrome Cleaning Solution	WP111249

Intercept: 0.0006

Slope: 0.7702

Regression: 0.999997

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	7.45	1.89	0.000	0.000	0.000	-0.00		01/20/2025	14:35
2	CAL2	0.01	1	100	100	7.36	2.05	0.000	0.008	0.008	0.009	-10	01/20/2025	14:36
3	CAL3	0.025	1	100	100	7.16	2.41	0.000	0.020	0.020	0.025	0	01/20/2025	14:37
4	CAL4	0.05	1	100	100	7.22	2.11	0.000	0.039	0.039	0.049	-2	01/20/2025	14:38
5	CAL5	0.1	1	100	100	7.74	1.87	0.000	0.079	0.079	0.101	1	01/20/2025	14:39
6	CAL6	0.5	1	100	100	7.22	1.69	0.000	0.385	0.385	0.499	-0.2	01/20/2025	14:40
7	CAL7	1	1	100	100	7.48	1.85	0.000	0.771	0.771	1.000	0	01/20/2025	14:41

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Run Number: LB134348

pH Meter ID: 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	7.19	1.77	0.000	0.380	0.380	0.493	01/20/2025	14:42
2	ICB		1	100	100	7.46	1.60	0.000	0.000	0.000	-0.001	01/20/2025	14:43
3	CCV1	0.5	1	100	100	7.09	2.48	0.000	0.385	0.385	0.499	01/20/2025	14:44
4	CCB1		1	100	100	7.33	2.13	0.000	0.001	0.001	0.001	01/20/2025	14:45
5	RL Check	0.01	1	100	100	7.20	2.24	0.000	0.007	0.007	0.008	01/20/2025	14:46
6	PB166147BL		1	2.50	100	7.14	1.89	0.000	0.000	0.000	-0.001	01/20/2025	14:47
7	PB166147BS	20	1	2.50	100	7.58	2.20	0.000	0.381	0.381	0.494	01/20/2025	14:48
8	Q1134-01		1	2.54	100	7.47	1.77	0.008	0.009	0.001	0.001	01/20/2025	14:49
9	Q1134-01DU		1	2.56	100	7.33	1.59	0.007	0.007	0.000	-0.001	01/20/2025	14:50
10	Q1134-01MS	40	2	2.55	100	7.85	2.17	0.007	0.311	0.304	0.394	01/20/2025	14:51
11	Q1134-01MS	1284	40	2.51	100	7.67	2.11	0.000	0.585	0.585	0.759	01/20/2025	14:52
12	Q1134-01MS	40	2	2.53	100	7.51	1.81	0.008	0.368	0.360	0.467	01/20/2025	14:53
13	CCV2	0.5	1	100	100	7.11	1.69	0.000	0.384	0.384	0.498	01/20/2025	14:54
14	CCB2		1	100	100	7.45	1.84	0.000	0.000	0.000	-0.001	01/20/2025	14:55