

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Eman

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137018

pH Meter ID: pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP114487
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
Hexchrome Cleaning Solution	WP114310

Intercept: 0.0004

Slope: 0.7668

Regression: 0.999955

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	7.51	1.62	0.000	0.000	0.000	-0.00		08/29/2025	12:30
2	CAL2	0.01	1	100	100	7.26	1.85	0.000	0.009	0.009	0.011	10	08/29/2025	12:31
3	CAL3	0.025	1	100	100	7.44	2.10	0.000	0.021	0.021	0.026	4	08/29/2025	12:32
4	CAL4	0.05	1	100	100	7.16	2.45	0.000	0.039	0.039	0.050	0	08/29/2025	12:33
5	CAL5	0.1	1	100	100	7.68	2.32	0.000	0.078	0.078	0.101	1	08/29/2025	12:34
6	CAL6	0.5	1	100	100	7.57	1.98	0.000	0.378	0.378	0.492	-1.6	08/29/2025	12:35
7	CAL7	1	1	100	100	7.25	1.74	0.000	0.770	0.770	1.003	0.3	08/29/2025	12:36

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Run Number: LB137018

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	7.46	1.68	0.000	0.381	0.381	0.496	08/29/2025	12:37
2	ICB		1	100	100	7.82	2.15	0.000	0.000	0.000	-0.001	08/29/2025	12:38
3	CCV1	0.5	1	100	100	7.71	1.96	0.000	0.379	0.379	0.494	08/29/2025	12:39
4	CCB1		1	100	100	7.63	1.75	0.000	0.001	0.001	0.001	08/29/2025	12:40
5	RL Check	0.01	1	100	100	7.48	2.07	0.000	0.010	0.010	0.013	08/29/2025	12:41
6	PB169452BL		1	2.50	100	7.39	2.46	0.000	0.000	0.000	-0.001	08/29/2025	12:42
7	PB169452BS	20	1	2.50	100	7.19	2.35	0.000	0.379	0.379	0.494	08/29/2025	12:43
8	Q2969-01		1	2.55	100	7.75	2.44	0.000	0.001	0.001	0.001	08/29/2025	12:44
9	Q2969-01DU		1	2.56	100	7.63	1.54	0.000	0.001	0.001	0.001	08/29/2025	12:45
10	Q2969-01MS	40	2	2.55	100	7.42	1.67	0.000	0.329	0.329	0.429	08/29/2025	12:46
11	Q2969-01MS	1284	40	2.57	100	7.25	1.94	0.000	0.601	0.601	0.783	08/29/2025	12:47
12	Q2969-01MS	40	2	2.55	100	7.84	2.19	0.000	0.367	0.367	0.478	08/29/2025	12:48
13	Q2973-01		1	2.51	100	7.91	2.26	0.000	0.000	0.000	-0.001	08/29/2025	12:49
14	CCV2	0.5	1	100	100	7.56	1.85	0.000	0.376	0.376	0.490	08/29/2025	12:51
15	CCB2		1	100	100	7.42	1.73	0.000	0.001	0.001	0.001	08/29/2025	12:52