

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Eman

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: jignesh

Run Number: LB136921

pH Meter ID: pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP114364
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
HEX LOD STD, 0.005PPM	WP114384
Hexchrome Cleaning Solution	WP114310
Hex LOQ Std, 0.01PPM	

Intercept: 0.0004

Slope: 0.7668

Regression: 0.99998

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	7.57	1.68	0.000	0.000	0.000	-0.00		08/22/2025	12:25
2	CAL2	0.01	1	100	100	7.62	1.75	0.000	0.009	0.009	0.011	10	08/22/2025	12:26
3	CAL3	0.025	1	100	100	7.16	1.89	0.000	0.020	0.020	0.025	0	08/22/2025	12:27
4	CAL4	0.05	1	100	100	7.85	2.11	0.000	0.039	0.039	0.050	0	08/22/2025	12:28
5	CAL5	0.1	1	100	100	7.41	2.24	0.000	0.078	0.078	0.101	1	08/22/2025	12:29
6	CAL6	0.5	1	100	100	7.74	2.46	0.000	0.380	0.380	0.495	-1	08/22/2025	12:30
7	CAL7	1	1	100	100	7.35	1.97	0.000	0.769	0.769	1.002	0.2	08/22/2025	12:31

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Run Number: LB136921

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	7.65	2.15	0.000	0.378	0.378	0.492	08/22/2025	12:32
2	ICB		1	100	100	7.61	2.07	0.000	0.001	0.001	0.001	08/22/2025	12:33
3	CCV1	0.5	1	100	100	7.42	1.84	0.000	0.382	0.382	0.498	08/22/2025	12:34
4	CCB1		1	100	100	7.54	1.65	0.000	0.000	0.000	-0.001	08/22/2025	12:35
5	RL Check	0.01	1	100	100	7.59	1.59	0.000	0.010	0.010	0.013	08/22/2025	12:36
6	PB169341BL		1	2.50	100	7.72	2.37	0.000	0.001	0.001	0.001	08/22/2025	12:37
7	PB169341BS	20	1	2.50	100	7.67	1.85	0.000	0.378	0.378	0.492	08/22/2025	12:38
8	Q2893-03		1	2.50	100	7.37	2.14	0.000	0.005	0.005	0.006	08/22/2025	12:39
9	Q2909-01		1	2.57	100	7.42	2.29	0.001	0.001	0.000	-0.001	08/22/2025	12:40
10	Q2915-01		1	2.55	100	7.51	2.37	0.006	0.007	0.001	0.001	08/22/2025	12:41
11	Q2915-03		1	2.57	100	7.64	2.42	0.004	0.004	0.000	-0.001	08/22/2025	12:42
12	Q2916-01		1	2.53	100	7.39	2.36	0.005	0.006	0.001	0.001	08/22/2025	12:43
13	Q2926-01		1	2.51	100	7.42	2.28	0.000	0.000	0.000	-0.001	08/22/2025	12:44
14	Q2926-01DU		1	2.54	100	7.56	2.19	0.000	0.000	0.000	-0.001	08/22/2025	12:45
15	Q2926-01MS	40	2	2.53	100	7.62	1.65	0.000	0.332	0.332	0.432	08/22/2025	12:46
16	CCV2	0.5	1	100	100	7.43	1.92	0.000	0.379	0.379	0.494	08/22/2025	12:47
17	CCB2		1	100	100	7.38	1.84	0.000	0.000	0.000	-0.001	08/22/2025	12:48
18	Q2926-01MS	1284	40	2.51	100	7.27	1.77	0.000	0.602	0.602	0.785	08/22/2025	12:49
19	Q2926-01MS	40	2	2.52	100	7.59	2.36	0.000	0.372	0.372	0.485	08/22/2025	12:50
20	CCV3	0.5	1	100	100	7.40	1.84	0.000	0.378	0.378	0.492	08/22/2025	12:51
21	CCB3		1	100	100	7.58	2.24	0.000	0.001	0.001	0.001	08/22/2025	12:52