

Analytical Summary Report

Analysis Method: 7196A

ANALYST: Eman

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: jignesh

Run Number: LB136872

pH Meter ID: pH Meter-1

Reagent/Standard	Lot/Log #
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
HEX LOD STD, 0.005PPM	WP114312
Hexchrome Cleaning Solution	WP114310
Hex LOQ Std, 0.01PPM	WP114313

Intercept: 0.001

Slope: 0.7682

Regression: 0.999996

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	7.52	2.10	0.000	0.000	0.000	-0.00		08/19/2025	12:30
2	CAL2	0.01	1	100	100	7.35	1.86	0.000	0.008	0.008	0.009	-10	08/19/2025	12:31
3	CAL3	0.025	1	100	100	7.65	2.24	0.000	0.021	0.021	0.026	4	08/19/2025	12:32
4	CAL4	0.05	1	100	100	7.46	2.45	0.000	0.039	0.039	0.049	-2	08/19/2025	12:33
5	CAL5	0.1	1	100	100	7.29	1.65	0.000	0.079	0.079	0.101	1	08/19/2025	12:34
6	CAL6	0.5	1	100	100	7.71	1.91	0.000	0.385	0.385	0.499	-0.2	08/19/2025	12:35
7	CAL7	1	1	100	100	7.37	2.15	0.000	0.769	0.769	0.999	-0.1	08/19/2025	12:36

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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	7.48	1.67	0.000	0.384	0.384	0.499	08/19/2025	12:37
2	ICB		1	100	100	7.61	1.74	0.000	0.000	0.000	-0.001	08/19/2025	12:38
3	CCV1	0.5	1	100	100	7.58	2.36	0.000	0.382	0.382	0.496	08/19/2025	12:39
4	CCB1		1	100	100	7.47	2.29	0.000	0.001	0.001	0.000	08/19/2025	12:40
5	RL Check	0.01	1	100	100	7.69	2.09	0.000	0.009	0.009	0.010	08/19/2025	12:41
6	PB169305BL		1	2.50	100	7.51	1.89	0.000	0.000	0.000	-0.001	08/19/2025	12:42
7	PB169305BS	20	1	2.50	100	7.46	1.75	0.000	0.379	0.379	0.492	08/19/2025	12:43
8	Q2818-01		1	2.52	100	7.43	1.99	0.035	0.035	0.000	-0.001	08/19/2025	12:44
9	Q2818-02		1	2.51	100	7.60	2.10	0.036	0.037	0.001	0.000	08/19/2025	12:45
10	Q2888-01		1	2.54	100	7.67	2.15	0.000	0.000	0.000	-0.001	08/19/2025	12:46
11	Q2888-01DU		1	2.57	100	7.46	2.35	0.000	0.000	0.000	-0.001	08/19/2025	12:47
12	Q2888-01MS	40	2	2.55	100	7.38	2.31	0.000	0.311	0.311	0.404	08/19/2025	12:48
13	Q2888-01MS	1284	40	2.53	100	7.62	2.29	0.000	0.592	0.592	0.769	08/19/2025	12:49
14	Q2888-01MS	40	2	2.57	100	7.39	2.32	0.000	0.360	0.360	0.467	08/19/2025	12:50
15	Q2893-01		1	2.50	100	7.45	2.41	0.000	0.005	0.005	0.005	08/19/2025	12:51
16	CCV2	0.5	1	100	100	7.51	1.96	0.000	0.375	0.375	0.487	08/19/2025	12:52
17	CCB2		1	100	100	7.56	1.87	0.000	0.000	0.000	-0.001	08/19/2025	12:53
18	Q2893-02		1	2.50	100	7.68	1.65	0.000	0.009	0.009	0.010	08/19/2025	12:54
19	CCV3	0.5	1	100	100	7.62	2.74	0.000	0.380	0.380	0.493	08/19/2025	12:55
20	CCB3		1	100	100	7.71	1.95	0.000	0.001	0.001	0.000	08/19/2025	12:56