

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: jignesh

Run Number: LB136775

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP114259
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
Hexchrome Cleaning Solution	WP113087

Intercept: 0.0009

Slope: 0.763

Regression: 0.999989

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	7.29	1.94	0.000	0.000	0.000	-0.00		08/11/2025	13:40
2	CAL2	0.01	1	100	100	7.49	1.84	0.000	0.008	0.008	0.009	-10	08/11/2025	13:41
3	CAL3	0.025	1	100	100	7.52	1.89	0.000	0.021	0.021	0.026	4	08/11/2025	13:42
4	CAL4	0.05	1	100	100	7.45	1.92	0.000	0.040	0.040	0.051	2	08/11/2025	13:43
5	CAL5	0.1	1	100	100	7.34	1.88	0.000	0.078	0.078	0.101	1	08/11/2025	13:44
6	CAL6	0.5	1	100	100	7.50	1.88	0.000	0.380	0.380	0.496	-0.8	08/11/2025	13:45
7	CAL7	1	1	100	100	7.44	1.96	0.000	0.765	0.765	1.001	0.1	08/11/2025	13:46

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pH Meter ID: WC 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	7.42	2.04	0.000	0.377	0.377	0.493	08/11/2025	13:47
2	ICB		1	100	100	7.36	1.99	0.000	0.001	0.001	0.000	08/11/2025	13:48
3	CCV1	0.5	1	100	100	7.39	1.90	0.000	0.381	0.381	0.498	08/11/2025	13:49
4	CCB1		1	100	100	7.54	1.84	0.000	0.001	0.001	0.000	08/11/2025	13:50
5	RL Check	0.01	1	100	100	7.40	1.97	0.000	0.009	0.009	0.011	08/11/2025	13:51
6	PB169184BL		1	2.50	100	7.19	1.70	0.000	0.000	0.000	-0.001	08/11/2025	13:52
7	PB169184BS	20	1	2.50	100	7.32	1.89	0.000	0.383	0.383	0.501	08/11/2025	13:53
8	Q2795-01		1	2.55	100	7.42	1.90	0.000	0.001	0.001	0.000	08/11/2025	13:54
9	Q2795-01DU		1	2.56	100	7.47	1.97	0.000	0.001	0.001	0.000	08/11/2025	13:55
10	Q2795-01MS	40	2	2.56	100	7.40	1.90	0.000	0.339	0.339	0.443	08/11/2025	13:56
11	Q2795-01MS	1284	40	2.55	100	7.40	2.00	0.000	0.612	0.612	0.801	08/11/2025	13:57
12	Q2795-01MS	40	2	2.54	100	7.52	2.06	0.000	0.371	0.371	0.485	08/11/2025	13:58
13	Q2795-02		1	2.52	100	7.60	2.19	0.001	0.002	0.001	0.000	08/11/2025	13:59
14	Q2795-03		1	2.55	100	7.40	1.92	0.000	0.001	0.001	0.000	08/11/2025	14:00
15	Q2798-01		1	2.53	100	7.36	2.02	0.001	0.001	0.000	-0.001	08/11/2025	14:01
16	CCV2	0.5	1	100	100	7.54	1.88	0.000	0.377	0.377	0.493	08/11/2025	14:02
17	CCB2		1	100	100	7.49	1.88	0.000	0.001	0.001	0.000	08/11/2025	14:03
18	Q2800-01		1	2.57	100	7.31	2.32	0.020	0.020	0.000	-0.001	08/11/2025	14:04
19	Q2807-01		1	2.56	100	7.69	2.20	0.003	0.004	0.001	0.000	08/11/2025	14:05
20	Q2807-02		1	2.51	100	7.52	2.27	0.004	0.005	0.001	0.000	08/11/2025	14:06
21	Q2807-03		1	2.57	100	7.59	2.10	0.003	0.004	0.001	0.000	08/11/2025	14:07
22	Q2808-01		1	2.54	100	7.45	1.88	0.035	0.035	0.000	-0.001	08/11/2025	14:08
23	CCV3	0.5	1	100	100	7.35	1.83	0.000	0.380	0.380	0.497	08/11/2025	14:09
24	CCB3		1	100	100	7.46	1.94	0.000	0.001	0.001	0.000	08/11/2025	14:10