

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: jignesh

Run Number: LB136802

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: 0.7647

Regression: 0.999958

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	7.24	1.90	0.000	0.000	0.000	-0.00		08/13/2025	12:45
2	CAL2	0.01	1	100	100	7.42	1.88	0.000	0.009	0.009	0.010	0	08/13/2025	12:46
3	CAL3	0.025	1	100	100	7.52	1.99	0.000	0.020	0.020	0.024	-4	08/13/2025	12:47
4	CAL4	0.05	1	100	100	7.40	2.06	0.000	0.040	0.040	0.051	2	08/13/2025	12:48
5	CAL5	0.1	1	100	100	7.36	1.88	0.000	0.080	0.080	0.103	3	08/13/2025	12:49
6	CAL6	0.5	1	100	100	7.49	2.01	0.000	0.378	0.378	0.493	-1.4	08/13/2025	12:50
7	CAL7	1	1	100	100	7.35	1.92	0.000	0.768	0.768	1.003	0.3	08/13/2025	12:51

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Run Number: LB136802

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	7.45	1.83	0.000	0.376	0.376	0.491	08/13/2025	12:52
2	ICB		1	100	100	7.44	1.88	0.000	0.001	0.001	0.000	08/13/2025	12:53
3	CCV1	0.5	1	100	100	7.38	2.10	0.000	0.381	0.381	0.497	08/13/2025	12:54
4	CCB1		1	100	100	7.32	1.92	0.000	0.001	0.001	0.000	08/13/2025	12:55
5	RL Check	0.01	1	100	100	7.37	2.06	0.000	0.010	0.010	0.012	08/13/2025	12:56
6	PB169216BL		1	2.50	100	7.40	1.85	0.000	0.001	0.001	0.000	08/13/2025	12:57
7	PB169216BS	20	1	2.50	100	7.52	2.01	0.000	0.381	0.381	0.497	08/13/2025	12:58
8	Q2772-01		1	2.56	100	7.52	1.90	0.000	0.004	0.004	0.004	08/13/2025	12:59
9	Q2827-01		1	2.52	100	7.60	2.10	0.035	0.035	0.000	-0.001	08/13/2025	13:00
10	Q2827-05		1	2.53	100	7.40	2.25	0.000	0.001	0.001	0.000	08/13/2025	13:01
11	Q2831-01		1	2.54	100	7.34	2.19	0.009	0.010	0.001	0.000	08/13/2025	13:02
12	Q2832-01		1	2.55	100	7.31	2.06	0.010	0.010	0.000	-0.001	08/13/2025	13:03
13	Q2832-03		1	2.52	100	7.60	1.92	0.014	0.015	0.001	0.000	08/13/2025	13:04
14	Q2832-05		1	2.57	100	7.59	1.80	0.036	0.037	0.001	0.000	08/13/2025	13:05
15	Q2832-07		1	2.55	100	7.67	1.79	0.036	0.037	0.001	0.000	08/13/2025	13:06
16	CCV2	0.5	1	100	100	7.55	1.89	0.000	0.376	0.376	0.491	08/13/2025	13:07
17	CCB2		1	100	100	7.50	1.74	0.000	0.000	0.000	-0.001	08/13/2025	13:08
18	Q2832-09		1	2.58	100	7.64	2.14	0.036	0.037	0.001	0.000	08/13/2025	13:09
19	Q2838-01		1	2.56	100	7.56	2.02	0.002	0.002	0.000	-0.001	08/13/2025	13:10
20	Q2838-05		1	2.58	100	7.27	2.06	0.000	0.000	0.000	-0.001	08/13/2025	13:11
21	Q2838-05DU		1	2.57	100	7.36	2.00	0.000	0.000	0.000	-0.001	08/13/2025	13:12
22	Q2838-05MS	40	2	2.58	100	7.39	2.10	0.000	0.330	0.330	0.430	08/13/2025	13:13
23	Q2838-05MS	1284	40	2.55	100	7.42	2.14	0.000	0.607	0.607	0.793	08/13/2025	13:14
24	Q2838-05MS	40	2	2.57	100	7.36	2.06	0.000	0.361	0.361	0.471	08/13/2025	13:15
25	CCV3	0.5	1	100	100	7.42	1.92	0.000	0.377	0.377	0.492	08/13/2025	13:16
26	CCB3		1	100	100	7.52	1.70	0.000	0.001	0.001	0.000	08/13/2025	13:17