

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: jignesh

Run Number: LB136849

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: 0.0004

Slope: 0.7646

Regression: 0.999939

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	7.44	1.65	0.000	0.000	0.000	-0.00		08/15/2025	16:15
2	CAL2	0.01	1	100	100	7.36	1.90	0.000	0.008	0.008	0.009	-10	08/15/2025	16:15
3	CAL3	0.025	1	100	100	7.48	1.98	0.000	0.020	0.020	0.025	0	08/15/2025	16:16
4	CAL4	0.05	1	100	100	7.52	2.10	0.000	0.040	0.040	0.051	2	08/15/2025	16:16
5	CAL5	0.1	1	100	100	7.42	2.06	0.000	0.079	0.079	0.102	2	08/15/2025	16:17
6	CAL6	0.5	1	100	100	7.49	1.88	0.000	0.376	0.376	0.491	-1.8	08/15/2025	16:17
7	CAL7	1	1	100	100	7.39	1.92	0.000	0.768	0.768	1.003	0.3	08/15/2025	16:18

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Run Number: LB136849

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	7.40	1.81	0.000	0.382	0.382	0.499	08/15/2025	16:18
2	ICB		1	100	100	7.32	1.67	0.000	0.000	0.000	-0.001	08/15/2025	16:19
3	CCV1	0.5	1	100	100	7.45	2.00	0.000	0.379	0.379	0.495	08/15/2025	16:19
4	CCB1		1	100	100	7.39	1.91	0.000	0.001	0.001	0.001	08/15/2025	16:20
5	RL Check	0.01	1	100	100	7.42	1.97	0.000	0.009	0.009	0.011	08/15/2025	16:20
6	PB169257BL		1	2.50	100	7.44	1.90	0.000	0.000	0.000	-0.001	08/15/2025	16:21
7	PB169257BS	20	1	2.50	100	7.48	1.85	0.000	0.379	0.379	0.495	08/15/2025	16:21
8	Q2853-01		1	2.57	100	7.42	1.88	0.004	0.005	0.001	0.001	08/15/2025	16:22
9	Q2876-01		1	2.53	100	7.52	1.98	0.011	0.012	0.001	0.001	08/15/2025	16:22
10	Q2877-01		1	2.55	100	7.59	1.85	0.000	0.001	0.001	0.001	08/15/2025	16:23
11	Q2877-01DU		1	2.57	100	7.66	1.90	0.000	0.001	0.001	0.001	08/15/2025	16:23
12	Q2877-01MS	40	2	2.55	100	7.60	1.94	0.000	0.299	0.299	0.391	08/15/2025	16:24
13	Q2877-01MS	1284	40	2.54	100	7.54	1.92	0.000	0.600	0.600	0.784	08/15/2025	16:24
14	Q2877-01MS	40	2	2.57	100	7.60	1.99	0.000	0.359	0.359	0.469	08/15/2025	16:25
15	Q2884-03		1	2.52	100	7.69	2.10	0.006	0.006	0.000	-0.001	08/15/2025	16:25
16	CCV2	0.5	1	100	100	7.55	2.06	0.000	0.376	0.376	0.491	08/15/2025	16:26
17	CCB2		1	100	100	7.52	2.11	0.000	0.000	0.000	-0.001	08/15/2025	16:26