

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB136361

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP113747
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
Hexchrome Cleaning Solution	WP113087

Intercept: 0.0004

Slope: 0.7659

Regression: 0.999941

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	7.36	1.63	0.000	0.000	0.000	-0.00		07/02/2025	12:00
2	CAL2	0.01	1	100	100	7.49	1.94	0.000	0.007	0.007	0.008	-20	07/02/2025	12:01
3	CAL3	0.025	1	100	100	7.47	1.90	0.000	0.020	0.020	0.025	0	07/02/2025	12:02
4	CAL4	0.05	1	100	100	7.40	1.87	0.000	0.040	0.040	0.051	2	07/02/2025	12:03
5	CAL5	0.1	1	100	100	7.52	1.89	0.000	0.080	0.080	0.103	3	07/02/2025	12:04
6	CAL6	0.5	1	100	100	7.49	1.88	0.000	0.377	0.377	0.491	-1.8	07/02/2025	12:05
7	CAL7	1	1	100	100	7.45	1.94	0.000	0.769	0.769	1.003	0.3	07/02/2025	12:06

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Run Number: LB136361

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	2.02	0.000	0.379	0.379	0.494	07/02/2025	12:07
2	ICB		1	100	100	7.39	1.92	0.000	0.001	0.001	0.001	07/02/2025	12:08
3	CCV1	0.5	1	100	100	7.42	1.85	0.000	0.381	0.381	0.497	07/02/2025	12:09
4	CCB1		1	100	100	7.30	1.77	0.000	0.000	0.000	-0.001	07/02/2025	12:10
5	RL Check	0.01	1	100	100	7.48	1.97	0.000	0.008	0.008	0.010	07/02/2025	12:11
6	PB168680BL		1	2.50	100	7.36	1.91	0.000	0.001	0.001	0.001	07/02/2025	12:12
7	PB168680BS	20	1	2.50	100	7.52	1.99	0.000	0.381	0.381	0.497	07/02/2025	12:13
8	Q2452-01		1	2.57	100	7.52	2.10	0.000	0.001	0.001	0.001	07/02/2025	12:14
9	Q2452-01DU		1	2.57	100	7.49	2.14	0.000	0.001	0.001	0.001	07/02/2025	12:15
10	Q2452-01MS	40	2	2.57	100	7.52	2.14	0.000	0.311	0.311	0.406	07/02/2025	12:16
11	Q2452-01MS	1284	40	2.56	100	7.55	2.10	0.000	0.601	0.601	0.784	07/02/2025	12:17
12	Q2452-01MS	40	2	2.57	100	7.60	2.21	0.000	0.363	0.363	0.473	07/02/2025	12:18
13	Q2452-05		1	2.51	100	7.42	2.31	0.010	0.010	0.000	-0.001	07/02/2025	12:19
14	Q2459-01		1	2.54	100	7.60	1.88	0.002	0.002	0.000	-0.001	07/02/2025	12:20
15	Q2469-01		1	2.57	100	7.42	1.90	0.004	0.005	0.001	0.001	07/02/2025	12:21
16	CCV2	0.5	1	100	100	7.42	2.00	0.000	0.380	0.380	0.496	07/02/2025	12:22
17	CCB2		1	100	100	7.34	1.83	0.000	0.000	0.000	-0.001	07/02/2025	12:23
18	Q2478-01		1	2.51	100	7.69	1.90	0.002	0.002	0.000	-0.001	07/02/2025	12:24
19	CCV3	0.5	1	100	100	7.36	1.97	0.000	0.377	0.377	0.492	07/02/2025	12:25
20	CCB3		1	100	100	7.29	1.70	0.000	0.001	0.001	0.001	07/02/2025	12:26