

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB137436

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP114995
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
Hexchrome Cleaning Solution	WP114310

Intercept: 0.0008

Slope: 0.7615

Regression: 0.999981

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	7.34	1.92	0.000	0.000	0.000	-0.00		10/06/2025	16:00
2	CAL2	0.01	1	100	100	7.46	2.01	0.000	0.009	0.009	0.010	0	10/06/2025	16:00
3	CAL3	0.025	1	100	100	7.36	1.96	0.0000	0.021	0.021	0.026	4	10/06/2025	16:01
4	CAL4	0.05	1	100	100	7.39	1.90	0.000	0.039	0.039	0.050	0	10/06/2025	16:01
5	CAL5	0.1	1	100	100	7.44	1.85	0.000	0.078	0.078	0.101	1	10/06/2025	16:02
6	CAL6	0.5	1	100	100	7.40	1.90	0.000	0.378	0.378	0.495	-1	10/06/2025	16:02
7	CAL7	1	1	100	100	7.36	2.03	0.000	0.764	0.764	1.002	0.2	10/06/2025	16:03

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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	1.84	0.000	0.380	0.380	0.498	10/06/2025	16:03
2	ICB		1	100	100	7.27	1.70	0.000	0.000	0.000	-0.001	10/06/2025	16:04
3	CCV1	0.5	1	100	100	7.38	1.83	0.000	0.376	0.376	0.493	10/06/2025	16:04
4	CCB1		1	100	100	7.50	1.89	0.000	0.001	0.001	0.000	10/06/2025	16:05
5	RL Check	0.01	1	100	100	7.54	2.04	0.000	0.010	0.010	0.012	10/06/2025	16:05
6	PB169981BL		1	2.50	100	7.39	1.97	0.000	0.000	0.000	-0.001	10/06/2025	16:06
7	PB169981BS	20	1	2.50	100	7.44	2.06	0.000	0.376	0.376	0.493	10/06/2025	16:06
8	Q3269-01		1	2.57	100	7.45	1.92	0.000	0.000	0.000	-0.001	10/06/2025	16:07
9	Q3269-04		1	2.51	100	7.59	2.10	0.000	0.000	0.000	-0.001	10/06/2025	16:07
10	Q3288-01		1	2.54	100	7.40	1.88	0.019	0.023	0.004	0.004	10/06/2025	16:08
11	Q3289-01		1	2.52	100	7.52	1.90	0.006	0.007	0.001	0.000	10/06/2025	16:08
12	Q3289-03		1	2.55	100	7.57	2.00	0.020	0.020	0.000	-0.001	10/06/2025	16:09
13	Q3289-05		1	2.52	100	7.62	2.05	0.000	0.001	0.001	0.000	10/06/2025	16:09
14	Q3290-01		1	2.51	100	7.40	2.11	0.000	0.000	0.000	-0.001	10/06/2025	16:10
15	Q3290-01DU		1	2.53	100	7.44	2.08	0.000	0.000	0.000	-0.001	10/06/2025	16:10
16	CCV2	0.5	1	100	100	7.39	2.06	0.000	0.380	0.380	0.498	10/06/2025	16:11
17	CCB2		1	100	100	7.32	1.97	0.000	0.000	0.000	-0.001	10/06/2025	16:11
18	Q3290-01MS	40	2	2.53	100	7.39	2.13	0.000	0.307	0.307	0.402	10/06/2025	16:12
19	Q3290-01MS	1284	40	2.54	100	7.42	2.15	0.000	0.600	0.600	0.787	10/06/2025	16:12
20	Q3290-01MS	40	2	2.52	100	7.36	2.10	0.000	0.364	0.364	0.477	10/06/2025	16:13
21	Q3295-01		1	2.57	100	7.52	2.11	0.000	0.000	0.000	-0.001	10/06/2025	16:13
22	Q3295-03		1	2.55	100	7.60	2.18	0.000	0.001	0.001	0.000	10/06/2025	16:14
23	CCV3	0.5	1	100	100	7.55	1.88	0.000	0.378	0.378	0.495	10/06/2025	16:14
24	CCB3		1	100	100	7.44	1.94	0.000	0.001	0.001	0.000	10/06/2025	16:15