

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB135270

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP112566
5N sulfuric acid	WP110380
HNO3 Hex-Chrome, 5M	WP110381
Hexchrome Cleaning Solution	WP111249

Intercept: 0.0006

Slope: 0.7599

Regression: 0.999915

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	7.21	1.84	0.000	0.000	0.000	-0.00		04/02/2025	16:20
2	CAL2	0.01	1	100	100	7.39	1.98	0.000	0.009	0.009	0.011	10	04/02/2025	16:21
3	CAL3	0.025	1	100	100	7.43	1.89	0.000	0.019	0.019	0.024	-4	04/02/2025	16:22
4	CAL4	0.05	1	100	100	7.52	1.92	0.000	0.040	0.040	0.051	2	04/02/2025	16:23
5	CAL5	0.1	1	100	100	7.36	1.90	0.000	0.080	0.080	0.104	4	04/02/2025	16:24
6	CAL6	0.5	1	100	100	7.33	2.01	0.000	0.373	0.373	0.490	-2	04/02/2025	16:25
7	CAL7	1	1	100	100	7.47	1.95	0.000	0.764	0.764	1.004	0.4	04/02/2025	16:26

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Run Number: LB135270

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	7.50	2.00	0.000	0.374	0.374	0.491	04/02/2025	16:27
2	ICB		1	100	100	7.30	1.90	0.000	0.001	0.001	0.001	04/02/2025	16:28
3	CCV1	0.5	1	100	100	7.42	1.97	0.000	0.371	0.371	0.487	04/02/2025	16:29
4	CCB1		1	100	100	7.36	1.82	0.000	0.000	0.000	-0.001	04/02/2025	16:30
5	RL Check	0.01	1	100	100	7.48	1.90	0.000	0.009	0.009	0.011	04/02/2025	16:31
6	PB167420BL		1	2.50	100	7.27	1.77	0.000	0.001	0.001	0.001	04/02/2025	16:32
7	PB167420BS	20	1	2.50	100	7.50	1.99	0.000	0.370	0.370	0.486	04/02/2025	16:33
8	Q1680-01		1	2.52	100	7.60	2.10	0.028	0.029	0.001	0.001	04/02/2025	16:34
9	Q1681-01		1	2.57	100	7.69	2.24	0.009	0.010	0.001	0.001	04/02/2025	16:35
10	Q1686-01		1	2.52	100	7.42	2.06	0.001	0.002	0.001	0.001	04/02/2025	16:36
11	Q1686-01DU		1	2.53	100	7.46	2.10	0.001	0.002	0.001	0.001	04/02/2025	16:37
12	Q1686-01MS	40	2	2.52	100	7.49	2.02	0.000	0.336	0.336	0.441	04/02/2025	16:38
13	Q1686-01MS	1284	40	2.52	100	7.42	2.13	0.000	0.612	0.612	0.805	04/02/2025	16:39
14	Q1686-01MS	40	2	2.53	100	7.50	2.10	0.000	0.378	0.378	0.497	04/02/2025	16:40
15	Q1692-01		1	2.55	100	7.60	2.20	0.007	0.008	0.001	0.001	04/02/2025	16:41
16	CCV2	0.5	1	100	100	7.36	1.92	0.000	0.374	0.374	0.491	04/02/2025	16:42
17	CCB2		1	100	100	7.36	1.73	0.000	0.000	0.000	-0.001	04/02/2025	16:43
18	Q1693-01		1	2.57	100	7.65	2.10	0.012	0.012	0.000	-0.001	04/02/2025	16:44
19	Q1693-05		1	2.54	100	7.61	2.29	0.019	0.020	0.001	0.001	04/02/2025	16:45
20	Q1693-09		1	2.52	100	7.55	2.06	0.008	0.009	0.001	0.001	04/02/2025	16:46
21	Q1694-01		1	2.56	100	7.52	2.16	0.002	0.003	0.001	0.001	04/02/2025	16:47
22	Q1695-01		1	2.54	100	7.42	2.06	0.003	0.004	0.001	0.001	04/02/2025	16:48
23	Q1695-05		1	2.56	100	7.36	2.14	0.001	0.002	0.001	0.001	04/02/2025	16:49
24	CCV3	0.5	1	100	100	7.52	2.02	0.000	0.372	0.372	0.489	04/02/2025	16:50
25	CCB3		1	100	100	7.42	1.84	0.000	0.000	0.000	-0.001	04/02/2025	16:51