

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB138169

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP116010
5N sulfuric acid	WP115340
HNO3 Hex-Chrome, 5M	WP115339
Hexchrome Cleaning Solution	WP115854

Intercept: 0.001

Slope: 0.7626

Regression: 0.999978

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at 540nm		Absorbance Difference	Result (mg/L)	%D	Anal Date	Anal Time
								Backgrnd	Color					
1	CAL1	0	1	100	100	7.29	2.17	0.000	0.000	0.000	-0.00		12/09/2025	12:15
2	CAL2	0.01	1	100	100	7.36	2.20	0.000	0.009	0.009	0.010	0	12/09/2025	12:15
3	CAL3	0.025	1	100	100	7.40	2.12	0.000	0.020	0.020	0.024	-4	12/09/2025	12:16
4	CAL4	0.05	1	100	100	7.41	2.19	0.000	0.039	0.039	0.049	-2	12/09/2025	12:16
5	CAL5	0.1	1	100	100	7.45	2.11	0.000	0.080	0.080	0.103	3	12/09/2025	12:17
6	CAL6	0.5	1	100	100	7.34	2.06	0.000	0.379	0.379	0.495	-1	12/09/2025	12:17
7	CAL7	1	1	100	100	7.42	2.16	0.000	0.765	0.765	1.001	0.1	12/09/2025	12:18

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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	7.47	2.04	0.000	0.363	0.363	0.475	12/09/2025	12:18
2	ICB		1	100	100	7.38	2.06	0.000	0.000	0.000	-0.001	12/09/2025	12:19
3	CCV1	0.5	1	100	100	7.42	2.16	0.000	0.362	0.362	0.473	12/09/2025	12:19
4	CCB1		1	100	100	7.32	2.10	0.000	0.001	0.001	0.000	12/09/2025	12:20
5	RL Check	0.01	1	100	100	7.38	2.14	0.000	0.010	0.010	0.012	12/09/2025	12:20
6	PB170868BL		1	2.50	100	7.44	2.09	0.000	0.001	0.001	0.000	12/09/2025	12:21
7	PB170868BS	20	1	2.50	100	7.49	2.14	0.000	0.359	0.359	0.469	12/09/2025	12:21
8	Q3770-01		1	2.56	100	7.43	2.21	0.030	0.030	0.000	-0.001	12/09/2025	12:22
9	Q3812-01		1	2.53	100	7.49	2.27	0.000	0.000	0.000	-0.001	12/09/2025	12:22
10	Q3812-01DU		1	2.53	100	7.51	2.20	0.000	0.000	0.000	-0.001	12/09/2025	12:23
11	Q3812-01MS	40	2	2.55	100	7.52	2.19	0.000	0.319	0.319	0.417	12/09/2025	12:23
12	Q3812-01MS	1284	40	2.54	100	7.47	2.20	0.000	0.601	0.601	0.787	12/09/2025	12:24
13	Q3812-01MS	40	2	2.54	100	7.50	2.25	0.000	0.365	0.365	0.477	12/09/2025	12:24
14	Q3814-01		1	2.57	100	7.58	2.06	0.020	0.020	0.000	-0.001	12/09/2025	12:25
15	Q3814-03		1	2.53	100	7.36	2.15	0.002	0.003	0.001	0.000	12/09/2025	12:25
16	CCV2	0.5	1	100	100	7.54	2.09	0.000	0.362	0.362	0.473	12/09/2025	12:26
17	CCB2		1	100	100	7.40	2.11	0.000	0.001	0.001	0.000	12/09/2025	12:26
18	Q3814-05		1	2.51	100	7.44	2.18	0.020	0.021	0.001	0.000	12/09/2025	12:27
19	Q3814-07		1	2.52	100	7.49	2.27	0.002	0.002	0.000	-0.001	12/09/2025	12:27
20	Q3814-09		1	2.55	100	7.55	2.20	0.036	0.037	0.001	0.000	12/09/2025	12:28
21	Q3814-11		1	2.57	100	7.52	2.17	0.036	0.036	0.000	-0.001	12/09/2025	12:28
22	Q3814-13		1	2.58	100	7.56	2.15	0.034	0.035	0.001	0.000	12/09/2025	12:29
23	Q3814-15		1	2.53	100	7.42	2.07	0.015	0.015	0.000	-0.001	12/09/2025	12:29
24	Q3815-01		1	2.57	100	7.60	2.10	0.012	0.013	0.001	0.000	12/09/2025	12:30
25	CCV3	0.5	1	100	100	7.43	2.10	0.000	0.361	0.361	0.472	12/09/2025	12:30
26	CCB3		1	100	100	7.48	2.13	0.000	0.001	0.001	0.000	12/09/2025	12:31