Analytical Summary Report

Analysis Method: ~~7196A~~

Parameter: ~~Hexavalent Chromium~~

Run Number: ~~LB137741~~

ANALYST: rubina

SUPERVISOR REVIEW BY: Iwona

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP115393
5N sulfuric acid	WP115340
HNO3 Hex-Chrome, 5M	WP115339
Hexchrome Cleaning Solution	WP114310

Intercept: 0.0003 **Slope:** 0.7677 **Regression:** 0.999949

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	7.27	2.00	0.000	0.000	0.000	-0.00		11/03/2025	13:00
2	CAL2	0.01	1	100	100	7.34	2.06	0.000	0.009	0.009	0.011	10	11/03/2025	13:00
3	CAL3	0.025	1	100	100	7.36	1.97	0.000	0.021	0.021	0.026	4	11/03/2025	13:01
4	CAL4	0.05	1	100	100	7.39	1.99	0.000	0.039	0.039	0.050	0	11/03/2025	13:01
5	CAL5	0.1	1	100	100	7.36	2.06	0.000	0.078	0.078	0.101	1	11/03/2025	13:02
6	CAL6	0.5	1	100	100	7.40	1.94	0.000	0.378	0.378	0.491	-1.8	11/03/2025	13:02
7	CAL7	1	1	100	100	7.44	1.94	0.000	0.771	0.771	1.003	0.3	11/03/2025	13:03

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Run Number: LB137741
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	1.88	0.000	0.379	0.379	0.493	11/03/2025	13:03
2	ICB		1	100	100	7.30	1.71	0.000	0.000	0.000	0.000	11/03/2025	13:04
3	CCV1	0.5	1	100	100	7.42	1.90	0.000	0.375	0.375	0.488	11/03/2025	13:04
4	CCB1		1	100	100	7.40	1.82	0.000	0.001	0.001	0.001	11/03/2025	13:05
5	RL Check	0.01	1	100	100	7.36	1.93	0.000	0.010	0.010	0.013	11/03/2025	13:05
6	PB170363BL		1	2.50	100	7.34	2.00	0.000	0.000	0.000	0.000	11/03/2025	13:06
7	PB170363BS	20	1	2.50	100	7.46	2.07	0.000	0.378	0.378	0.492	11/03/2025	13:06
8	Q3497-01		1	2.52	100	7.42	2.10	0.014	0.015	0.001	0.001	11/03/2025	13:07
9	Q3499-01		1	2.54	100	7.45	2.02	0.000	0.001	0.001	0.001	11/03/2025	13:07
10	Q3499-01DU		1	2.54	100	7.42	2.06	0.000	0.001	0.001	0.001	11/03/2025	13:08
11	Q3499-01MS	40	2	2.55	100	7.47	2.10	0.000	0.340	0.340	0.442	11/03/2025	13:08
12	Q3499-01MS	1284	40	2.54	100	7.42	2.06	0.000	0.601	0.601	0.782	11/03/2025	13:09
13	Q3499-01MS	40	2	2.57	100	7.49	2.10	0.000	0.367	0.367	0.478	11/03/2025	13:09
14	Q3501-01		1	2.54	100	7.52	2.10	0.010	0.011	0.001	0.001	11/03/2025	13:10
15	Q3503-01		1	2.56	100	7.57	2.27	0.000	0.000	0.000	0.000	11/03/2025	13:10
16	CCV2	0.5	1	100	100	7.48	1.97	0.000	0.375	0.375	0.488	11/03/2025	13:11
17	CCB2		1	100	100	7.42	1.87	0.000	0.001	0.001	0.001	11/03/2025	13:11
18	Q3503-03		1	2.53	100	7.42	1.94	0.006	0.023	0.017	0.022	11/03/2025	13:12
19	Q3503-05		1	2.54	100	7.51	2.10	0.000	0.001	0.001	0.001	11/03/2025	13:12
20	Q3504-01		1	2.57	100	7.60	2.18	0.020	0.020	0.000	0.000	11/03/2025	13:13
21	Q3515-01		1	2.52	100	7.64	2.09	0.001	0.002	0.001	0.001	11/03/2025	13:13
22	Q3516-01		1	2.56	100	7.59	2.04	0.000	0.001	0.001	0.001	11/03/2025	13:14
23	Q3519-01		1	2.53	100	7.42	1.92	0.032	0.033	0.001	0.001	11/03/2025	13:14
24	Q3520-01		1	2.54	100	7.36	1.94	0.010	0.010	0.000	0.000	11/03/2025	13:15
25	CCV3	0.5	1	100	100	7.34	2.05	0.000	0.380	0.380	0.495	11/03/2025	13:15
26	CCB3		1	100	100	7.44	1.98	0.000	0.000	0.000	0.000	11/03/2025	13:16