Reviewed By:Iwona
On:12/1/2025 3:05:26 PM
Inst Id :SPECTROPHOTOME

Analytical Summary Report

Analysis Method: ~~7196A~~

Parameter: ~~Hexavalent Chromium~~

Run Number: ~~LB138067~~

ANALYST: rubina

SUPERVISOR REVIEW BY: Iwona

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP115855
5N sulfuric acid	WP115340
HNO3 Hex-Chrome, 5M	WP115339
Hexchrome Cleaning Solution	WP115854

Intercept: 0.0004 **Slope:** 0.7633 **Regression:** 0.999963

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	7.25	1.81	0.000	0.000	0.000	-0.00		12/01/2025	13:00
2	CAL2	0.01	1	100	100	7.45	1.92	0.000	0.008	0.008	0.009	-10	12/01/2025	13:00
3	CAL3	0.025	1	100	100	7.54	1.98	0.000	0.020	0.020	0.025	0	12/01/2025	13:01
4	CAL4	0.05	1	100	100	7.50	2.00	0.000	0.039	0.039	0.050	0	12/01/2025	13:01
5	CAL5	0.1	1	100	100	7.40	1.92	0.000	0.079	0.079	0.102	2	12/01/2025	13:02
6	CAL6	0.5	1	100	100	7.41	1.97	0.000	0.377	0.377	0.493	-1.4	12/01/2025	13:02
7	CAL7	1	1	100	100	7.47	1.88	0.000	0.766	0.766	1.003	0.3	12/01/2025	13:03

Alliance TECHNICAL GROUP

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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	7.47	1.91	0.000	0.361	0.361	0.472	12/01/2025	13:03
2	ICB		1	100	100	7.42	1.88	0.000	0.000	0.000	-0.001	12/01/2025	13:04
3	CCV1	0.5	1	100	100	7.52	1.85	0.000	0.364	0.364	0.476	12/01/2025	13:04
4	CCB1		1	100	100	7.55	1.80	0.000	0.001	0.001	0.001	12/01/2025	13:05
5	RL Check	0.01	1	100	100	7.42	1.89	0.000	0.009	0.009	0.011	12/01/2025	13:05
6	PB170756BL		1	2.50	100	7.44	1.88	0.000	0.000	0.000	-0.001	12/01/2025	13:06
7	PB170756BS	20	1	2.50	100	7.40	1.93	0.000	0.361	0.361	0.472	12/01/2025	13:06
8	Q3732-01		1	2.56	100	7.50	1.90	0.004	0.004	0.000	-0.001	12/01/2025	13:07
9	Q3733-01		1	2.54	100	7.55	1.90	0.000	0.000	0.000	-0.001	12/01/2025	13:07
10	Q3733-01DU		1	2.55	100	7.57	1.94	0.000	0.000	0.000	-0.001	12/01/2025	13:08
11	Q3733-01MS	40	2	2.55	100	7.52	1.91	0.000	0.321	0.321	0.420	12/01/2025	13:08
12	Q3733-01MS	1284	40	2.56	100	7.57	1.89	0.000	0.601	0.601	0.787	12/01/2025	13:09
13	Q3733-01MS	40	2	2.54	100	7.58	1.93	0.000	0.348	0.348	0.455	12/01/2025	13:09
14	Q3739-01		1	2.55	100	7.57	2.10	0.036	3.149	3.113	4.078	12/01/2025	13:10
15	Q3739-02		1	2.58	100	7.36	2.18	0.036	3.790	3.754	4.918	12/01/2025	13:10
16	CCV2	0.5	1	100	100	7.39	2.07	0.000	0.362	0.362	0.474	12/01/2025	13:11
17	CCB2		1	100	100	7.33	2.02	0.000	0.000	0.000	-0.001	12/01/2025	13:12
18	Q3739-03		1	2.52	100	7.36	2.12	0.038	0.184	0.146	0.191	12/01/2025	13:12
19	Q3739-04		1	2.57	100	7.39	2.07	0.038	0.583	0.545	0.713	12/01/2025	13:13
20	Q3740-01		1	2.55	100	7.40	2.11	0.038	3.700	3.662	4.797	12/01/2025	13:13
21	Q3739-01		100	2.55	100	7.57	2.10	0.000	0.450	0.450	0.589	12/01/2025	13:14
22	Q3739-02		200	2.58	100	7.36	2.18	0.000	0.591	0.591	0.774	12/01/2025	13:14
23	Q3740-01		200	2.55	100	7.40	2.11	0.001	0.387	0.386	0.505	12/01/2025	13:15
24	CCV3	0.5	1	100	100	7.44	1.98	0.000	0.360	0.360	0.471	12/01/2025	13:15
25	CCB3		1	100	100	7.45	1.94	0.000	0.001	0.001	0.001	12/01/2025	13:16