

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB136671

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP114145
5N sulfuric acid	WP112831
HNO3 Hex-Chrome, 5M	WP112830
Hexchrome Cleaning Solution	WP113087

Intercept: 0.001

Slope: 0.7622

Regression: 0.999976

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	7.41	1.76	0.000	0.000	0.000	-0.00		08/01/2025	13:00
2	CAL2	0.01	1	100	100	7.52	1.82	0.000	0.009	0.009	0.010	0	08/01/2025	13:01
3	CAL3	0.025	1	100	100	7.48	2.06	0.000	0.021	0.021	0.026	4	08/01/2025	13:02
4	CAL4	0.05	1	100	100	7.36	1.99	0.000	0.040	0.040	0.051	2	08/01/2025	13:03
5	CAL5	0.1	1	100	100	7.42	1.90	0.000	0.078	0.078	0.101	1	08/01/2025	13:04
6	CAL6	0.5	1	100	100	7.53	2.00	0.000	0.378	0.378	0.494	-1.2	08/01/2025	13:05
7	CAL7	1	1	100	100	7.39	1.85	0.000	0.765	0.765	1.002	0.2	08/01/2025	13:06

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB136671

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	7.35	1.93	0.000	0.381	0.381	0.499	08/01/2025	13:07
2	ICB		1	100	100	7.25	2.07	0.000	0.000	0.000	-0.001	08/01/2025	13:08
3	CCV1	0.5	1	100	100	7.44	2.00	0.000	0.376	0.376	0.492	08/01/2025	13:09
4	CCB1		1	100	100	7.30	1.94	0.000	0.001	0.001	0.000	08/01/2025	13:10
5	RL Check	0.01	1	100	100	7.39	2.10	0.000	0.010	0.010	0.012	08/01/2025	13:11
6	PB169069BL		1	2.50	100	7.34	1.88	0.000	0.001	0.001	0.000	08/01/2025	13:12
7	PB169069BS	20	1	2.50	100	7.47	1.88	0.000	0.379	0.379	0.496	08/01/2025	13:13
8	Q2728-01		1	2.57	100	7.36	1.90	0.000	0.006	0.006	0.007	08/01/2025	13:14
9	Q2734-01		1	2.54	100	7.47	1.86	0.000	0.000	0.000	-0.001	08/01/2025	13:15
10	Q2734-01DU		1	2.55	100	7.42	1.90	0.000	0.000	0.000	-0.001	08/01/2025	13:16
11	Q2734-01MS	40	2	2.54	100	7.45	1.93	0.000	0.301	0.301	0.394	08/01/2025	13:17
12	Q2734-01MS	1284	40	2.56	100	7.52	1.84	0.000	0.599	0.599	0.785	08/01/2025	13:18
13	Q2734-01MS	40	2	2.54	100	7.56	1.96	0.000	0.367	0.367	0.480	08/01/2025	13:19
14	Q2741-01		1	2.51	100	7.60	2.22	0.004	0.005	0.001	0.000	08/01/2025	13:20
15	CCV2	0.5	1	100	100	7.56	1.94	0.000	0.381	0.381	0.499	08/01/2025	13:21
16	CCB2		1	100	100	7.48	1.99	0.000	0.001	0.001	0.000	08/01/2025	13:22