

Analytical Summary Report

Analysis Method: 7196A

ANALYST: rubina

Parameter: ~~Hexavalent Chromium~~

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134319

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
hexavalent chromium color reagent	WP111464
5N sulfuric acid	WP110380
HNO3 Hex-Chrome, 5M	WP110381
Hexchrome Cleaning Solution	WP111249

Intercept: 0.0016

Slope: 0.7651

Regression: 0.999992

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	7.25	1.76	0.000	0.000	0.000	-0.00		01/17/2025	09:31
2	CAL2	0.01	1	100	100	7.38	1.86	0.000	0.009	0.009	0.009	-10	01/17/2025	09:32
3	CAL3	0.025	1	100	100	7.38	1.89	0.000	0.021	0.021	0.025	0	01/17/2025	09:33
4	CAL4	0.05	1	100	100	7.35	1.91	0.000	0.039	0.039	0.048	-4	01/17/2025	09:34
5	CAL5	0.1	1	100	100	7.39	1.88	0.000	0.080	0.080	0.102	2	01/17/2025	09:35
6	CAL6	0.5	1	100	100	7.36	1.88	0.000	0.385	0.385	0.501	0.2	01/17/2025	09:36
7	CAL7	1	1	100	100	7.35	1.90	0.000	0.766	0.766	0.999	-0.1	01/17/2025	09:37

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Run Number: LB134319

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	7.42	1.93	0.000	0.384	0.384	0.500	01/17/2025	09:38
2	ICB		1	100	100	7.29	1.74	0.000	0.001	0.001	-0.001	01/17/2025	09:39
3	CCV1	0.5	1	100	100	7.45	1.96	0.000	0.385	0.385	0.501	01/17/2025	09:40
4	CCB1		1	100	100	7.27	1.78	0.000	0.000	0.000	-0.002	01/17/2025	09:41
5	RL Check	0.01	1	100	100	7.41	1.92	0.000	0.009	0.009	0.010	01/17/2025	09:42
6	PB166091BL		1	2.50	100	7.28	1.77	0.000	0.001	0.001	-0.001	01/17/2025	09:43
7	PB166091BS	20	1	2.50	100	7.43	1.94	0.000	0.383	0.383	0.498	01/17/2025	09:44
8	Q1115-01		1	2.52	100	7.57	2.10	0.030	0.030	0.000	-0.002	01/17/2025	09:45
9	Q1115-04		1	2.53	100	7.52	2.06	0.018	0.019	0.001	-0.001	01/17/2025	09:46
10	Q1115-07		1	2.55	100	7.60	2.16	0.029	0.030	0.001	-0.001	01/17/2025	09:47
11	Q1115-10		1	2.57	100	7.55	2.10	0.016	0.016	0.000	-0.002	01/17/2025	09:48
12	Q1118-01		1	2.55	100	7.55	2.10	0.005	0.005	0.000	-0.002	01/17/2025	09:49
13	Q1118-01DU		1	2.55	100	7.54	2.08	0.005	0.005	0.000	-0.002	01/17/2025	09:50
14	Q1118-01MS	40	2	2.54	100	7.58	2.10	0.000	0.298	0.298	0.387	01/17/2025	09:51
15	Q1118-01MS	1284	40	2.56	100	7.52	2.13	0.000	0.600	0.600	0.782	01/17/2025	09:52
16	CCV2	0.5	1	100	100	7.43	1.94	0.000	0.383	0.383	0.498	01/17/2025	09:53
17	CCB2		1	100	100	7.28	1.79	0.000	0.001	0.001	-0.001	01/17/2025	09:54
18	Q1118-01MS	40	2	2.55	100	7.56	2.16	0.000	0.369	0.369	0.480	01/17/2025	09:55
19	CCV3	0.5	1	100	100	7.44	1.92	0.000	0.385	0.385	0.501	01/17/2025	09:56
20	CCB3		1	100	100	7.29	1.76	0.000	0.000	0.000	-0.002	01/17/2025	09:57